

September 17, 2010

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

**RE: Analytical Results Case Narrative
SME 952-10
Analytics #67634 Revision 1**

Dear Mr. Kodis:

Enclosed please find the analytical report for samples collected from the above-mentioned project. The attached Cover Page lists the sample IDs, Lab tracking numbers and collection dates for the samples included in this deliverable.

Samples were analyzed for Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270C and Polychlorinated Biphenyls (PCBs) by EPA 8082.

Revision 1: This report has been revised to include the form 1 for sample 67634-5 which was accidentally omitted from the original report.

Unless otherwise noted in the Non-conformance Summary listed below, all of the quality control (QC) criteria including initial calibration, calibration verification, surrogate recovery, holding time and method accuracy/precision for these analyses were within acceptable limits.

This Level II package has been assembled in the following order:

- Case Narrative/Non-Conformance Summary
- Sample Log Sheet - Cover Page
- PAH Form I Data Sheet for Samples and Blanks
- Chromatograms
- PAH Form 3 MS/MSD (LCS) Recoveries
- PCB Form I Data Sheet for Samples and Blanks
- Chromatograms
- PCB Form 3 MS/MSD (LCS) Recoveries
- Chain of Custody (COC) Forms
- Sample Receipt Checklist

QC NON-CONFORMANCE SUMMARY

Sample Receipt:

No exceptions.

Polynuclear Aromatic Hydrocarbons (PAHs) by 8270C:

Benzo(a) anthracene used quadratic fit for quantitation in the selected ion monitoring curve.

Benzo (k) fluoranthene, Indeno[1,2,3-cd] pyrene and Dibenz [a,h] anthracene used quadratic fit for the calibration curve analyzed 09/01/10.

Sample 67634-6 had two surrogates with recoveries just below acceptance criteria. The client was contacted and instructed the laboratory to report results with a comment.

The MS/MSD analyzed on sample 67634-12 had low recovery for Benzo(g,hi) perylene. The laboratory control samples were in control for all analytes. Results were reported without qualification.

PCBs by EPA 8082:

No results are reported below the quantitation limit.

The closing continuing calibration standard had low recovery for Decachlorobiphenyl surrogate. The analytical window was reanalyzed with similar results. Results were reported without qualification.

If you have any questions or I can be of further assistance please do not hesitate to contact me.

Sincerely,

ANALYTICS Environmental Laboratory, LLC


Stephen Knollmeyer
Laboratory Director



195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

Report Number: 67634

Revision: Rev. 1

Re: SME 952-10

Enclosed are the results of the analyses on your sample(s). Samples were received on 31 August 2010 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Sample Analysis: The attached pages detail the Client Sample IDs, Lab Sample IDs, and Analyses requested

Sample Receipt Exceptions: None

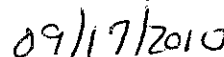
Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Department of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature


Stephen L. Knollmeyer Lab. Director

Date


09/17/2010

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CLIENT: Maine Environmental Laboratory, REPORT NUMBER: 67634 Inc.

REV: Rev. 1

PROJECT: SME 952-10

<u>Lab Number</u>	<u>Sample Date</u>	<u>Station Location</u>	<u>Analysis</u>	<u>Comments</u>
67634-1	08/30/10	SS473	EPA 8270 (PAH only)	
67634-2	08/30/10	SS474	EPA 8270 (PAH only)	
67634-3	08/27/10	B-434	EPA 8270 (PAH only)	
67634-4	08/27/10	B-433	EPA 8082 (PCBs only)	
	08/27/10	B425	EPA 8270 (PAH only)	
67634-5	08/27/10	B422	EPA 8270 (PAH only)	
67634-6	08/27/10	B423	EPA 8270 (PAH only)	
67634-7	08/30/10	SS468	EPA 8270 (PAH only)	
67634-8	08/30/10	SS471A	EPA 8270 (PAH only)	
67634-9	08/30/10	SS467	EPA 8270 (PAH only)	
67634-10	08/30/10	SS471	EPA 8270 (PAH only)	
67634-11	08/30/10	SS472	EPA 8270 (PAH only)	
67634-12	08/30/10	SS466	EPA 8270 (PAH only)	
67634-13	08/30/10	SS470	EPA 8270 (PAH only)	
67634-14	08/27/10	B425	EPA 8270 (PAH only)	
67634-15	08/30/10	SS469	Electronic Data Deliverable	
	08/30/10	SS469	EPA 8270 (PAH only)	

Surrogate Compound Limits

Matrix: Units:	Aqueous % Recovery	Solid % Recovery	Method
Volatile Organic Compounds - Drinking Water			
1,4-Difluorobenzene	70-130		EPA 524.2
Bromofluorobenzene	70-130		
1,2-Dichlorobenzene-d4	70-130		
Volatile Organic Compounds			
1,2-Dichloroethane-d4	70-120	70-120	EPA 624/8260B
Toluene-d8	85-120	85-120	
Bromofluorobenzene	75-120	75-120	
Semi-Volatile Organic Compounds			
2-Fluorophenol	20-110	35-105	EPA 625/8270C
d5-Phenol	15-110	40-100	
d5-nitrobenzene	40-110	35-100	
2-Fluorobiphenyl	50-110	45-105	
2,4,6-Tribromophenol	40-110	40-125	
d14-p-terphenyl	50-130	30-125	
PAH's by SIM			
d5-nitrobenzene	21-110	35-110	EPA 8270C
2-Fluorobiphenyl	36-121	45-105	
d14-p-terphenyl	33-141	30-125	
Pesticides and PCBs			
2,4,5,6-Tetrachloro-m-xylene (TCX)	46-122	40-130	EPA 608/8082
Decachlorobiphenyl (DCB)	40-135	40-130	
Herbicides			
Dichloroacetic acid (DCAA)	30-150	30-150	
Gasoline Range Organics/TPH Gasoline			
Trifluorotoluene TFT (FID)	60-140	60-140	MEDEP 4217/EPA 8015
Bromofluorobenzene (BFB) (FID)	60-140	60-140	
Trifluorotoluene TFT (PID)	60-140	60-140	
Bromofluorobenzene (BFB) (PID)	60-140	60-140	
Diesel Range Organics/TPH Diesel			
m-terphenyl	60-140	60-140	MEDEP 4125/EPA 8015/CT ETPH
Volatile Petroleum Hydrocarbons			
2,5-Dibromotoluene (PID)	70-130	70-130	MADEP VPH May 2004 Rev1.1
2,5-Dibromotoluene (FID)	70-130	70-130	
Extracatable Petroleum Hydrocarbons			
1-chloro-octadecane (aliphatic)	40-140	40-140	MADEP EPH May 2004 Rev1.1
o-Terphenyl (aromatic)	40-140	40-140	
2-Fluorobiphenyl (Fractionation)	40-140	40-140	
2-Bromonaphthalene (fractionation)	40-140	40-140	

SEMI-VOLATILE DATA SUMMARIES

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

Lab Sample ID: B090110SIMASE SIM
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: N/A
Lab Receipt Date: N/A
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: LABQC

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
Naphthalene	7	U
Acenaphthylene	7	U
Acenaphthene	7	U
Fluorene	7	U
Phenanthrene	7	U
Anthracene	7	U
Fluoranthene	7	U
Pyrene	7	U
Benzo[a]anthracene	7	U
Chrysene	7	U
Benzo[b] fluoranthene	7	U
Benzo[k] fluoranthene	7	U
Benzo[a] pyrene	7	U
Dibenz [a,h] anthracene	7	U
Benzo(g,h,i) perylene	7	U
Indeno [1,2,3-cd] pyrene	7	U
2-Methylnaphthalene	7	U
Surrogate Standard Recovery		
d5-nitrobenzene 48 %	2-Fluorobiphenyl 51 %	d14-p-terphenyl 88 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

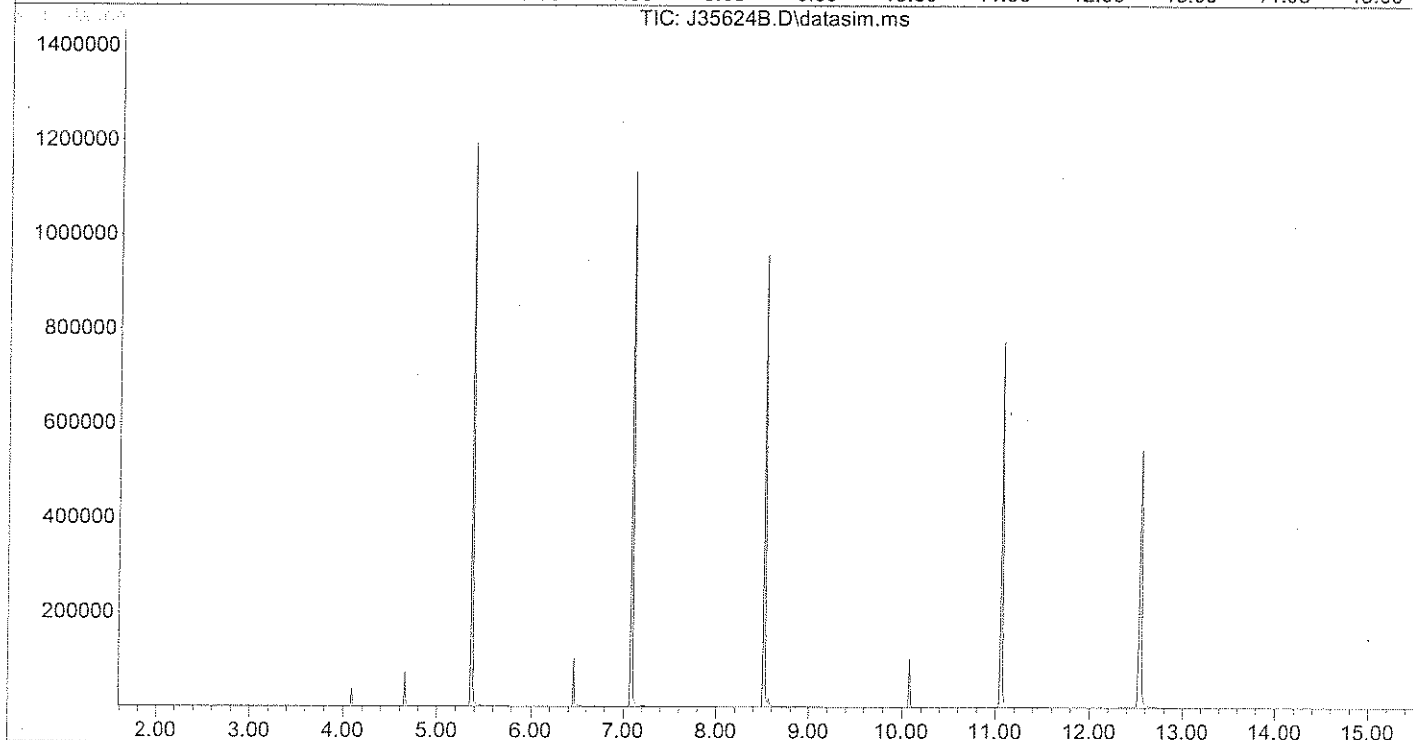
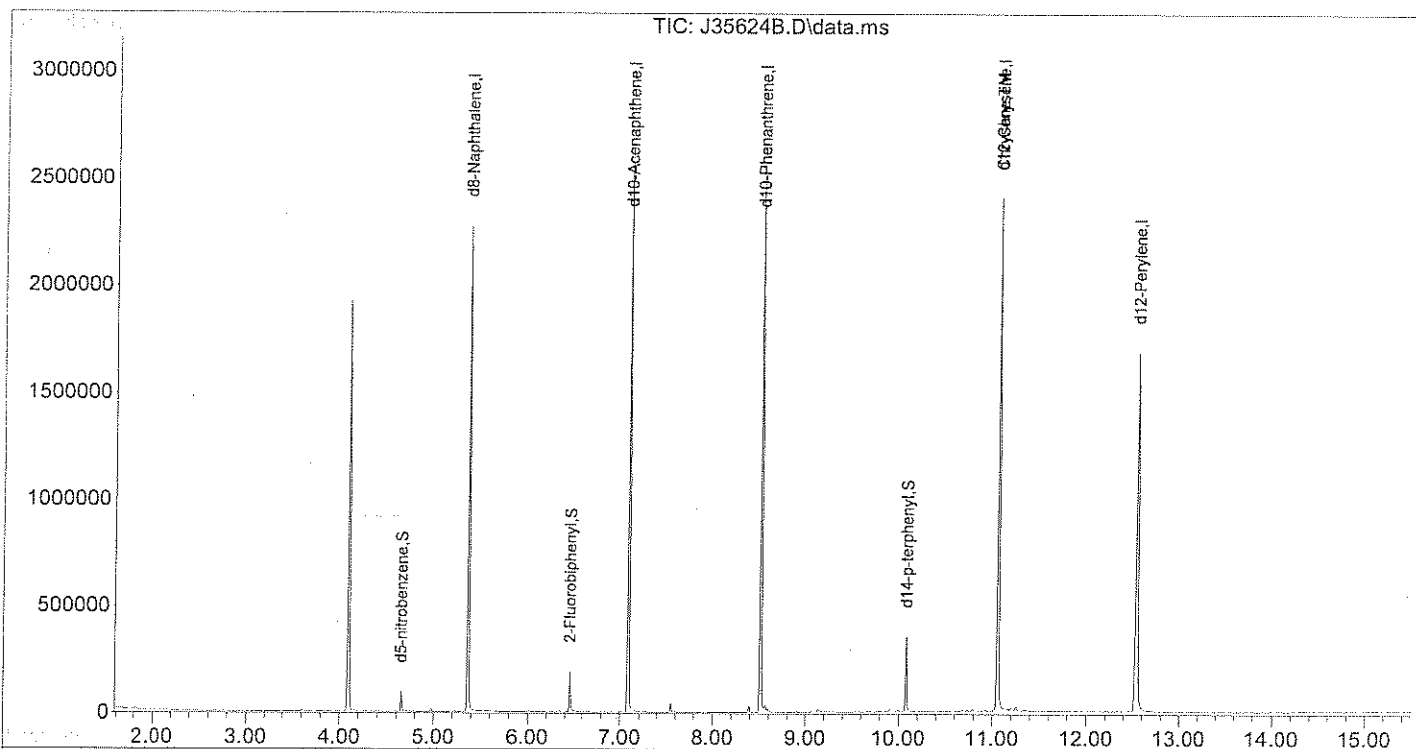
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Data Path : C:\msdchem\1\DATA\090810-J\
 Data File : J35624B.D
 Acq On : 9 Sep 2010 2:40 am
 Operator : AR/MG
 Sample : B090110SIMASE
 Misc : SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 09 02:57:51 2010
 Quant Method : C:\msdchem\1\METHODS\SIM090810.M
 Quant Title : ABN SIM
 QLast Update : Thu Sep 09 02:22:34 2010
 Response via : Initial Calibration

Handwritten: 9/9/10



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September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: LABQC

SAMPLE DATA

Lab Sample ID: B090110SIMASE RR
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date: N/A
Lab Receipt Date: N/A
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	U
Acenaphthylene	7	U
Acenaphthene	7	U
Fluorene	7	U
Phenanthrene	7	U
Anthracene	7	U
Fluoranthene	7	U
Pyrene	7	U
Benzo[a]anthracene	7	U
Chrysene	7	U
Benzo[b] fluoranthene	7	U
Benzo[k] fluoranthene	7	U
Benzo[a] pyrene	7	U
Dibenz [a,h] anthracene	7	U
Benzo(g,h,i) perylene	7	U
Indeno [1,2,3-cd] pyrene	7	U
2-Methylnaphthalene	7	U
Surrogate Standard Recovery		
d5-nitrobenzene 48 %	2-Fluorobiphenyl 52 %	d14-p-terphenyl 88 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

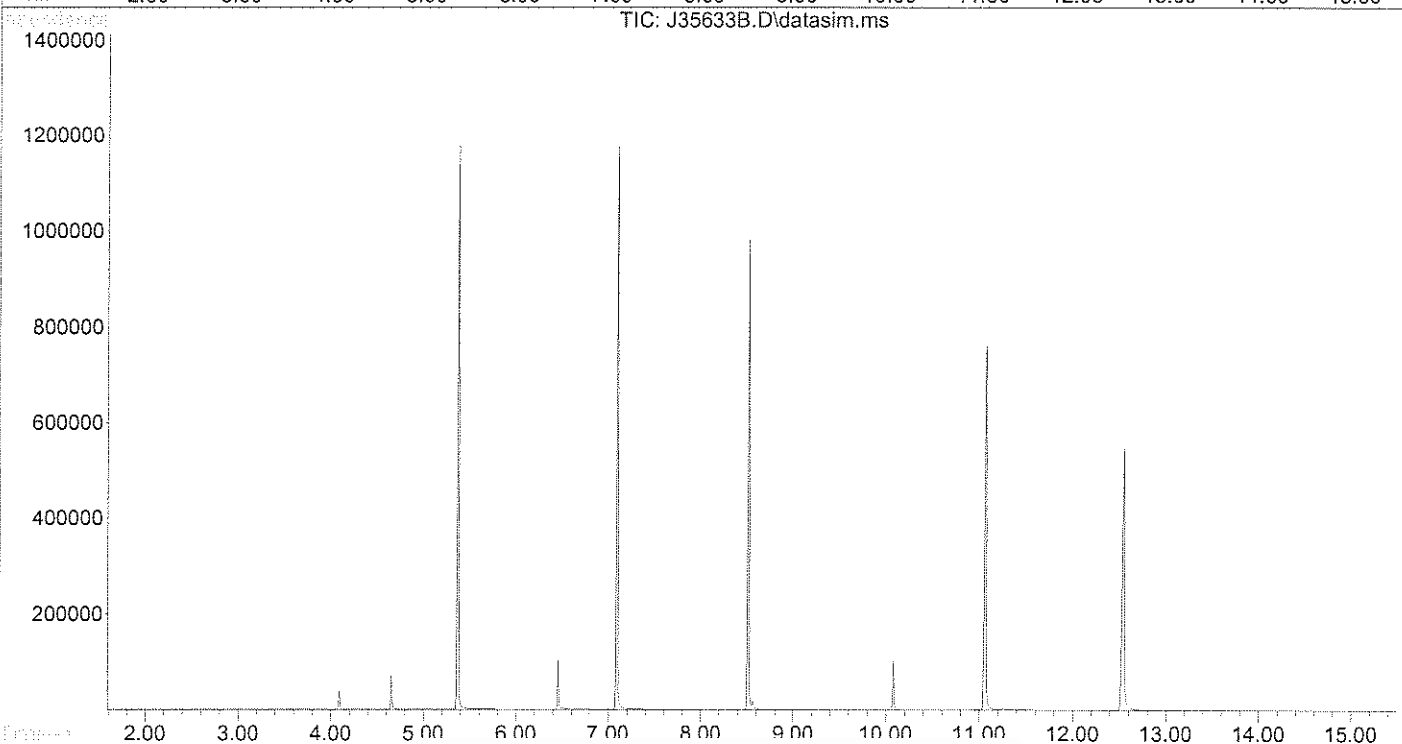
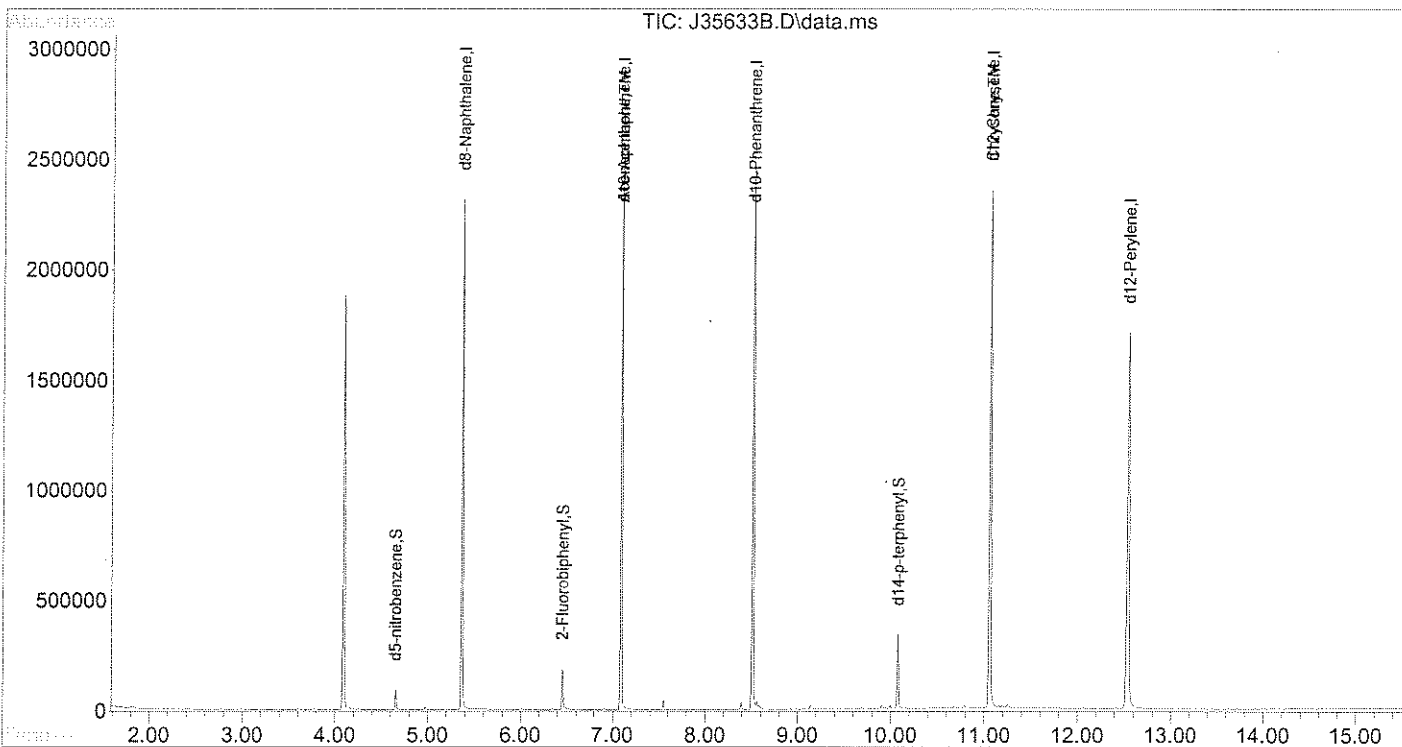
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[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35633B.D
Acq On : 9 Sep 2010 5:52 am
Operator : AR/MG
Sample : B090110SIMASE
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

JAW

Quant Time: Sep 09 12:26:19 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration



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September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: LAB QC

Lab Sample ID: B090110SIMASE
Matrix: Solid
Percent Solid: 100
Dilution Factor: 1.0
Collection Date:
Lab Receipt Date:
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	250	U
Acenaphthylene	250	U
Acenaphthene	250	U
Fluorene	250	U
Phenanthrene	250	U
Anthracene	250	U
Fluoranthene	250	U
Pyrene	250	U
Benzo[a]anthracene	250	U
Chrysene	250	U
Benzo[b] fluoranthene	250	U
Benzo[k] fluoranthene	250	U
Benzo[a] pyrene	250	U
Dibenz [a,h] anthracene	250	U
Benzo(g,h,i) perylene	250	U
Indeno [1,2,3-cd] pyrene	250	U
2-Methylnaphthalene	250	U

Surrogate Standard Recovery

d5-nitrobenzene 48 % 2-Fluorobiphenyl 52 % d14-p-terphenyl 88 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

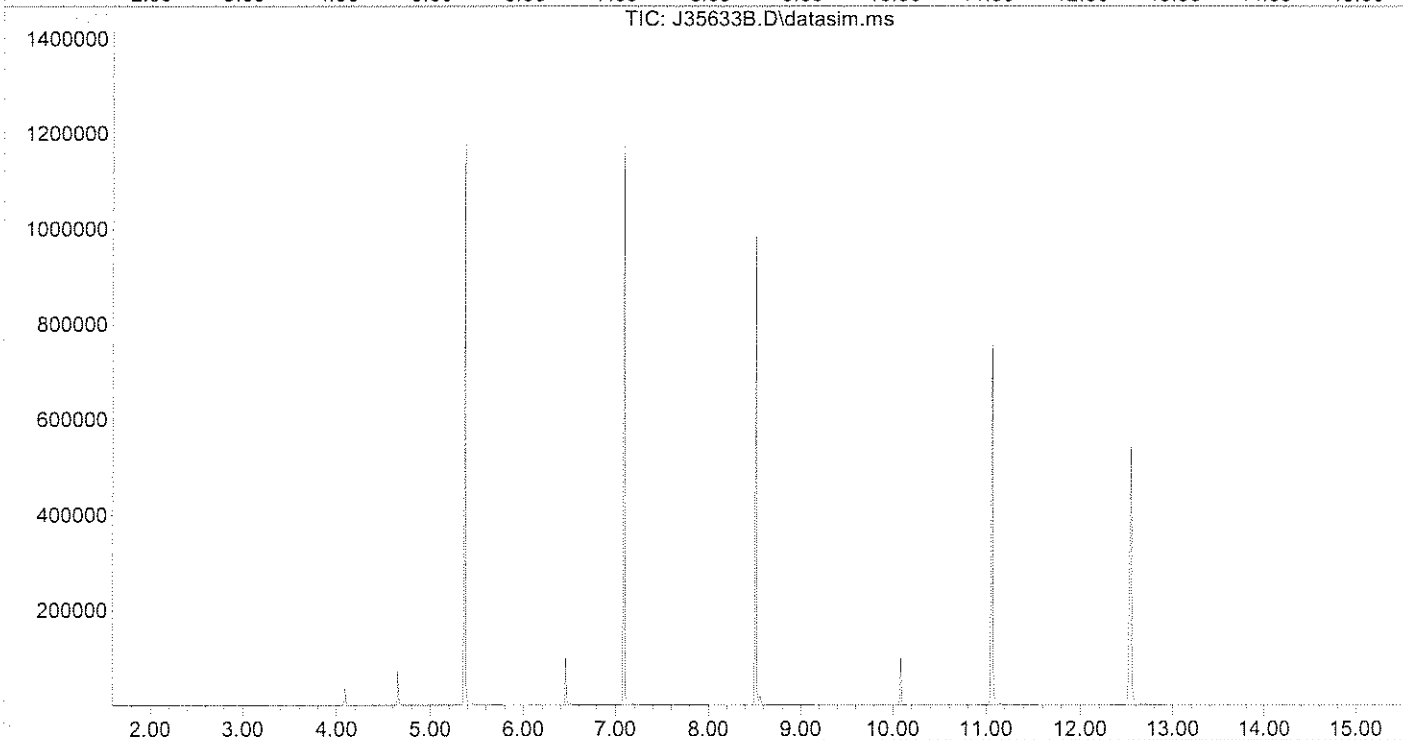
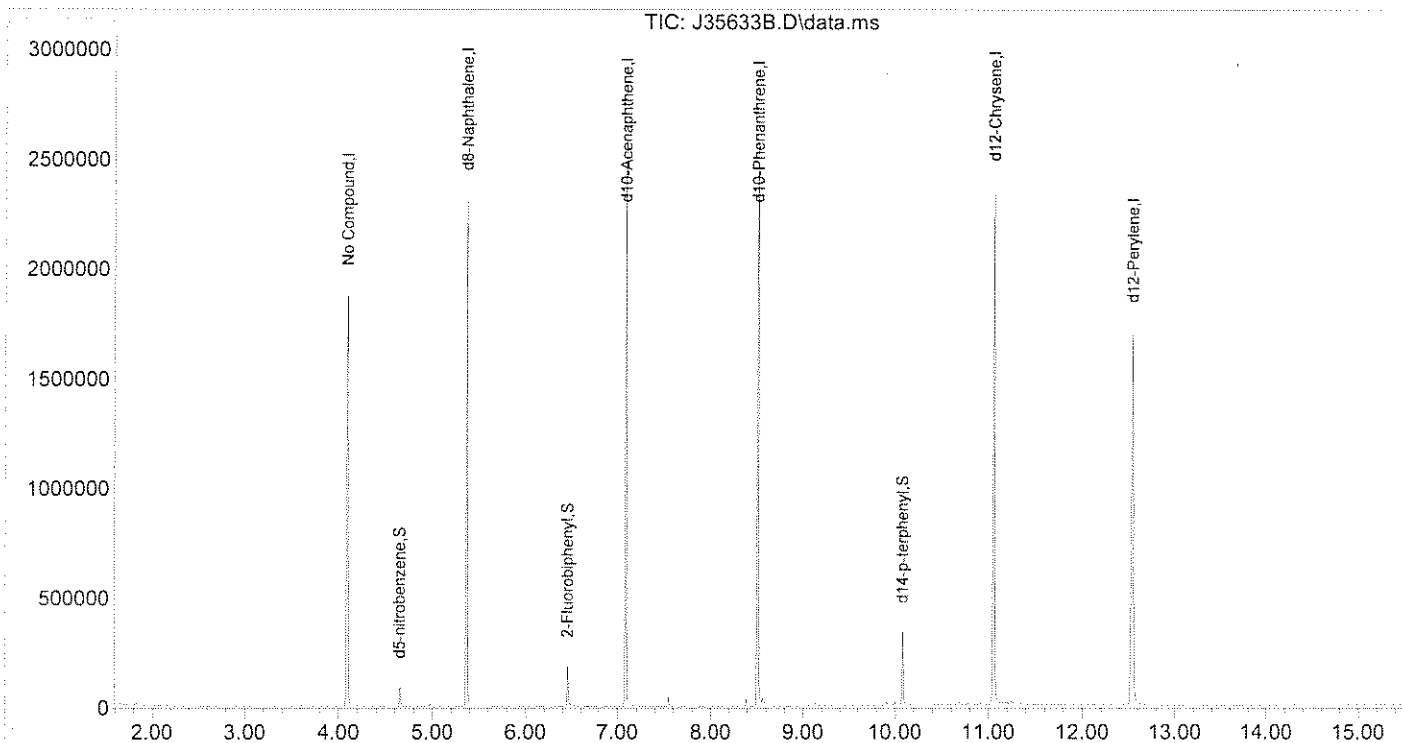
METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35633B.D
Acq On : 9 Sep 2010 5:52 am
Operator : AR/MG
Sample : B090110SIMASE
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 09 08:56:24 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

J9-9w



Mr. Herb Kodis
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September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS473

Lab Sample ID: 67634-1 SIM
Matrix: Solid
Percent Solid: 90
Dilution Factor: 1.1
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	8	122
Acenaphthylene	8	162
Acenaphthene	8	29
Fluorene	8	37
Phenanthrene	8	337
Anthracene	8	190
Fluoranthene	8	542
Pyrene	8	564
Benzo[a]anthracene	8	556
Chrysene	8	481
Benzo[b] fluoranthene	8	871
Benzo[k] fluoranthene	8	230
Benzo[a] pyrene	8	347
Dibenz [a,h] anthracene	8	62
Benzo(g,h,i) perylene	8	187
Indeno [1,2,3-cd] pyrene	8	289
2-Methylnaphthalene	8	103

Surrogate Standard Recovery							
d5-nitrobenzene	65	%	2-Fluorobiphenyl	75	%	d14-p-terphenyl	83 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in							

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

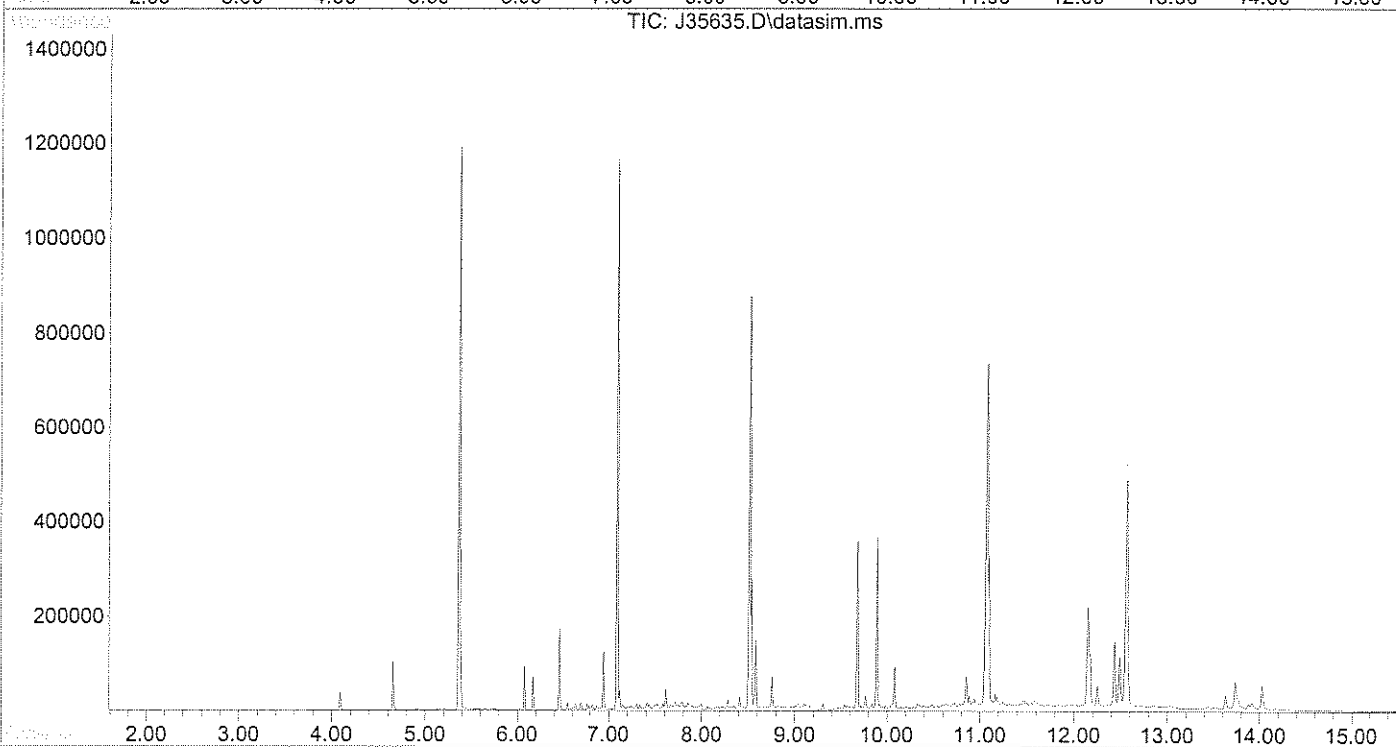
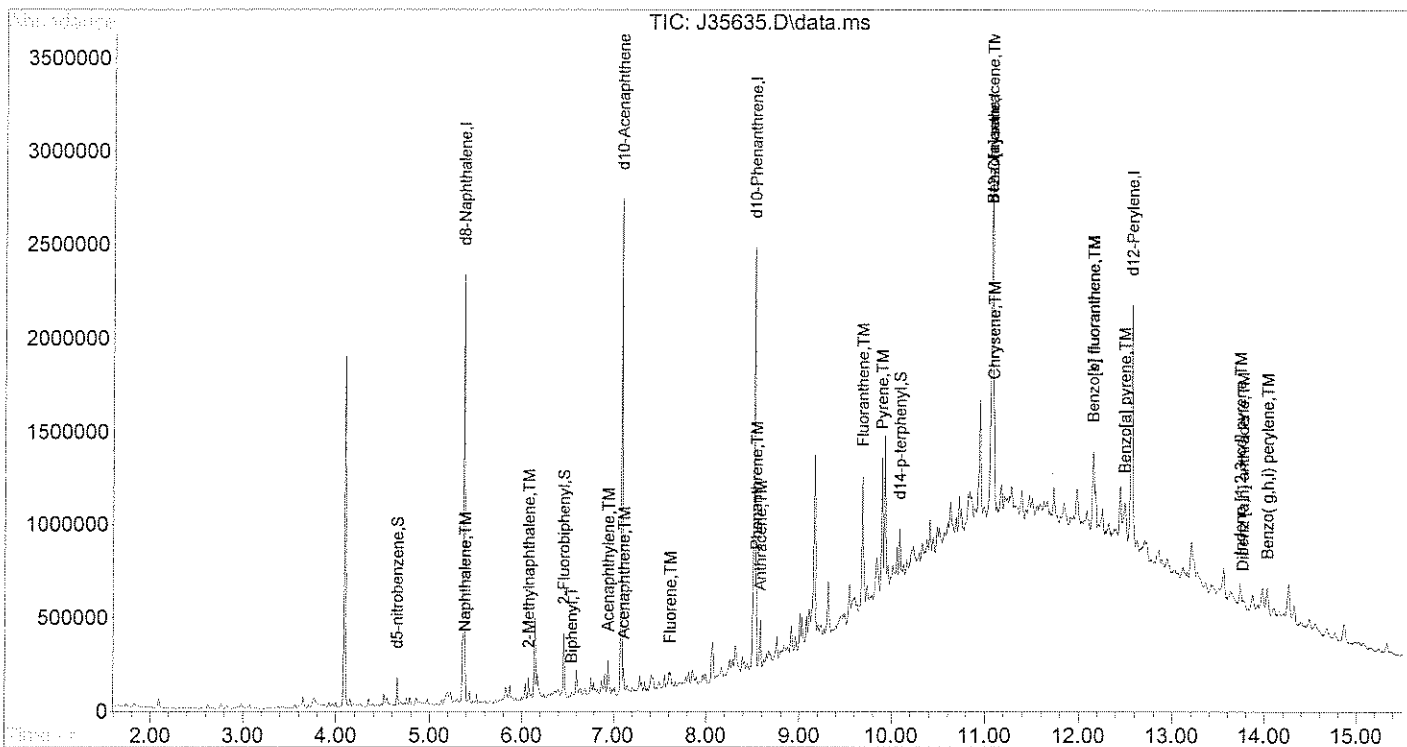
COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

Authorized signature



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Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35635.D
Acq On    : 9 Sep 2010    6:34 am
Operator  : AR/MG
Sample    : 67634-1
Misc      : SOIL
ALS Vial  : 20    Sample Multiplier: 1
```

Quant Time: Sep 09 12:26:24 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration



Mr. Herb Kodis
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September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-2 SIM
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS474

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	15
Acenaphthylene	7	102
Acenaphthene	7	8.5
Fluorene	7	14
Phenanthrene	7	107
Anthracene	7	51
Fluoranthene	7	268
Pyrene	7	279
Benzo[a]anthracene	7	304
Chrysene	7	205
Benzo[b] fluoranthene	7	371
Benzo[k] fluoranthene	7	105
Benzo[a] pyrene	7	216
Dibenz [a,h] anthracene	7	37
Benzo(g,h,i) perylene	7	158
Indeno [1,2,3-cd] pyrene	7	209
2-Methylnaphthalene	7	15
Surrogate Standard Recovery		
d5-nitrobenzene	62 %	2-Fluorobiphenyl 75 %
		d14-p-terphenyl 90 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

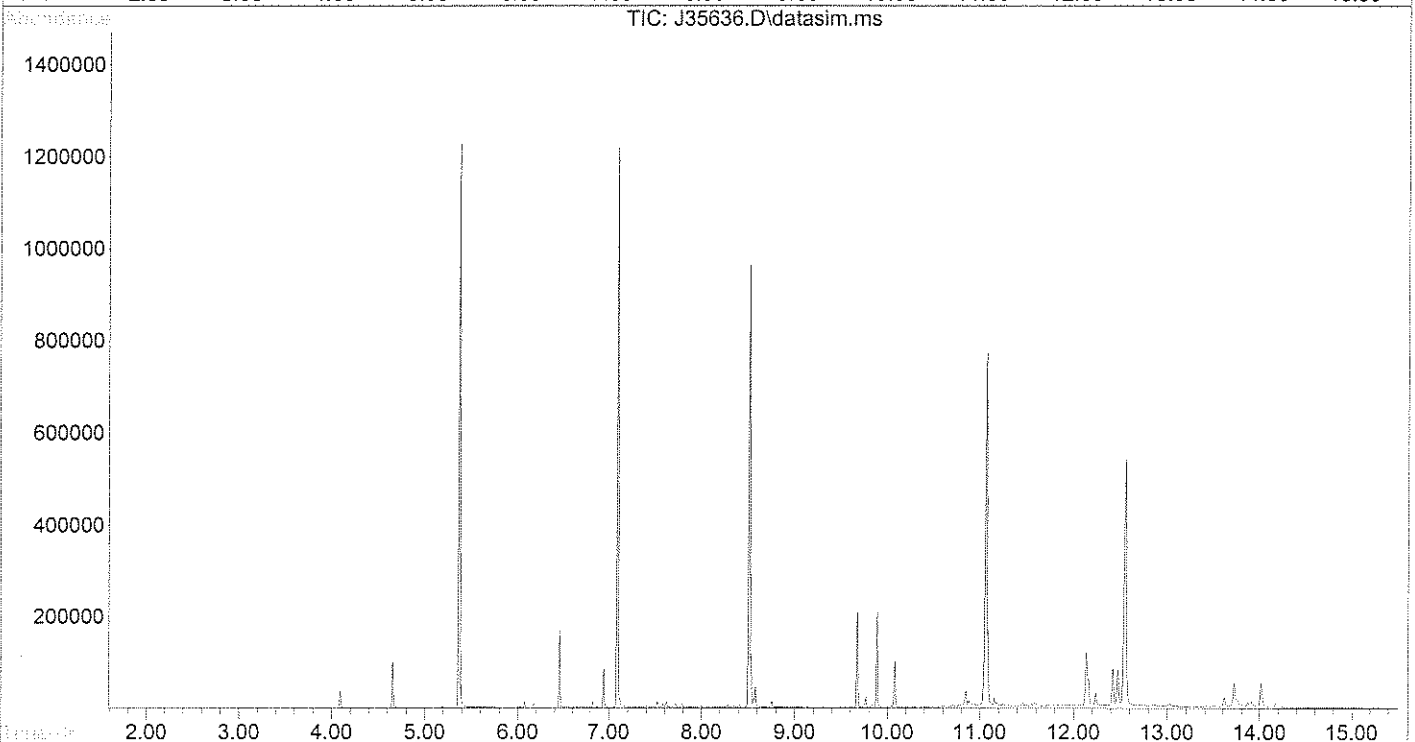
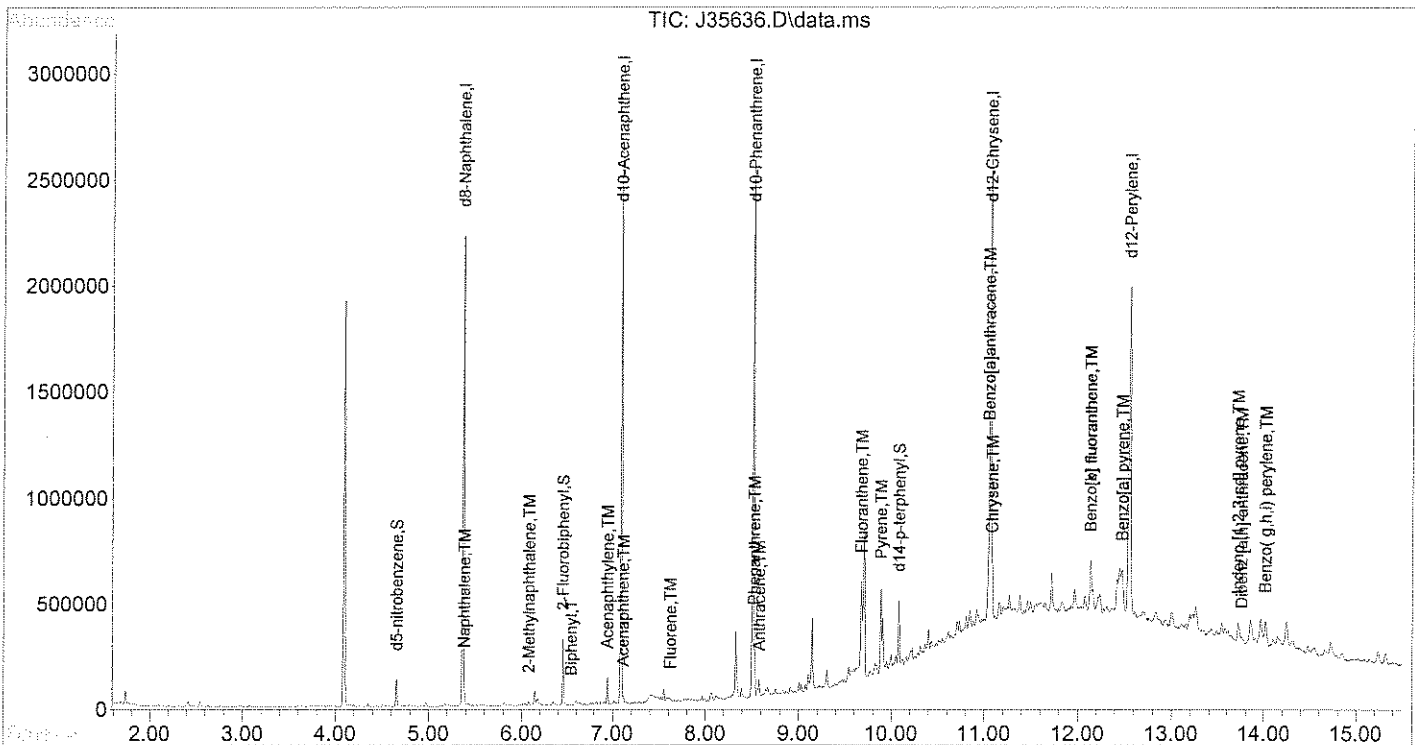
Authorized signature

[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35636.D
Acq On : 9 Sep 2010 6:55 am
Operator : AR/MG
Sample : 67634-2
Misc : SOIL
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 09 12:26:26 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

5996



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: B-434

SAMPLE DATA

Lab Sample ID: 67634-3 SIM
Matrix: Solid
Percent Solid: 86
Dilution Factor: 2.3
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	16	490
Acenaphthylene	16	338
Acenaphthene	16	850
Fluorene	16	857
Phenanthrene	16	5560 E
Anthracene	16	1620
Fluoranthene	16	6360 E
Pyrene	16	6090 E
Benzo[a]anthracene	16	6920 E
Chrysene	16	3970
Benzo[b] fluoranthene	16	5690
Benzo[k] fluoranthene	16	1650
Benzo[a] pyrene	16	3960
Dibenz [a,h] anthracene	16	589
Benzo(g,h,i) perylene	16	1700
Indeno [1,2,3-cd] pyrene	16	2510
2-Methylnaphthalene	16	357
Surrogate Standard Recovery		
d5-nitrobenzene 62 %	2-Fluorobiphenyl 70 %	d14-p-terphenyl 47 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

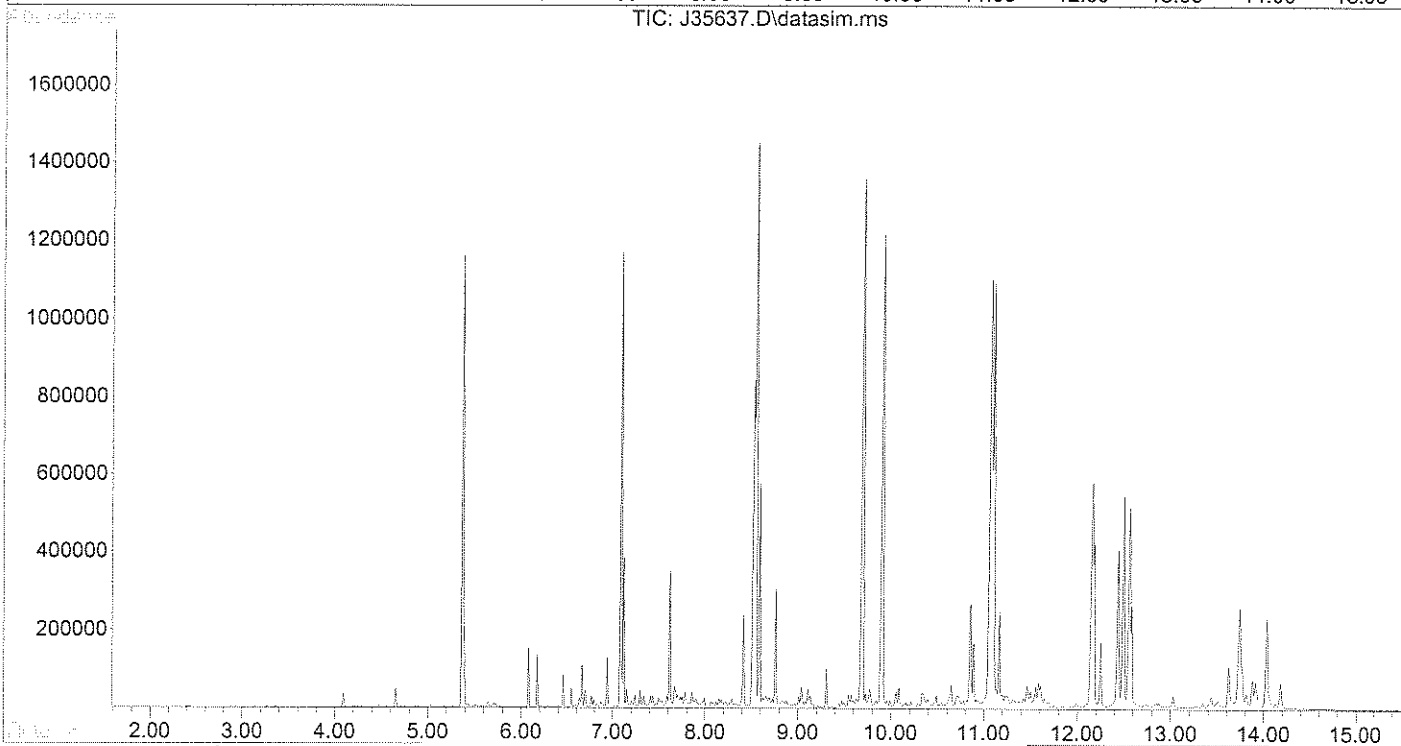
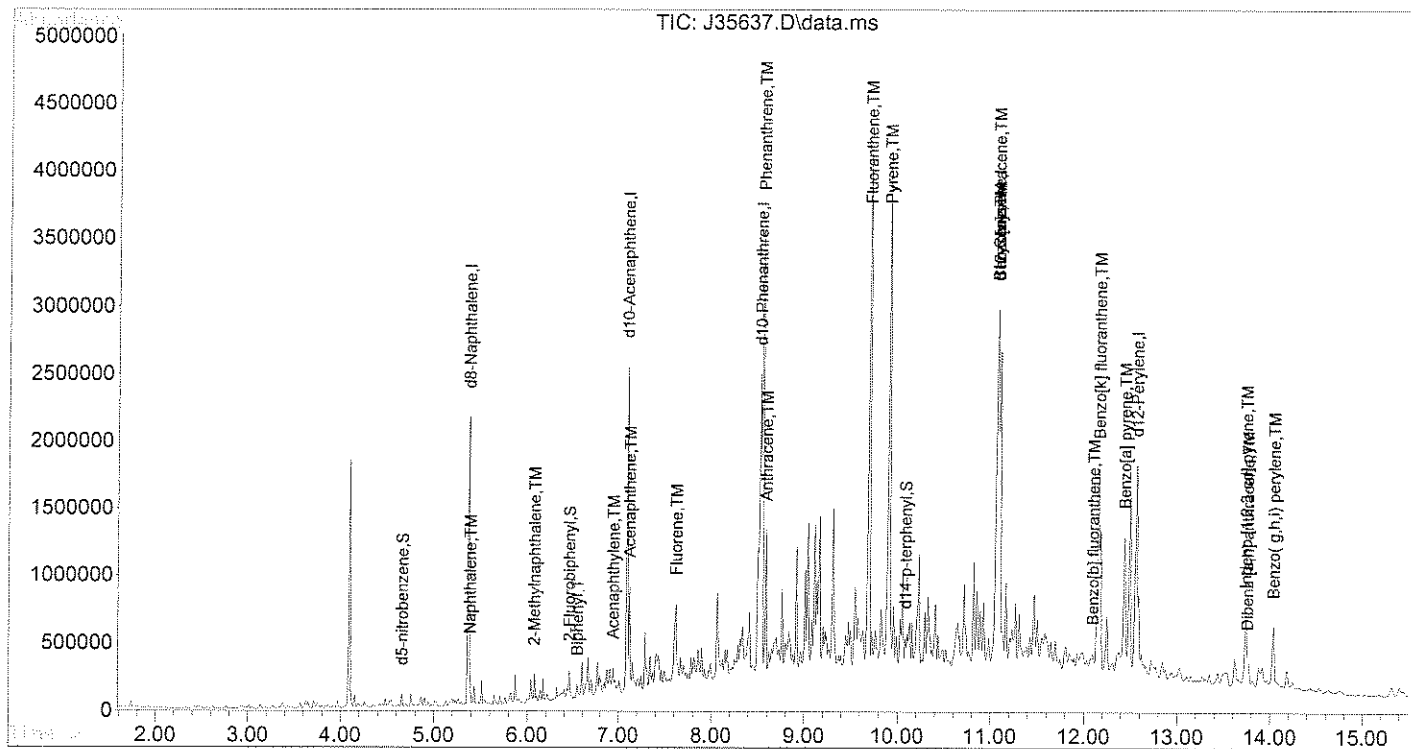
Authorized signature

M. J. Bull

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35637.D
Acq On : 9 Sep 2010 7:16 am
Operator : AR/MG
Sample : 67634-3,,1:2
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 09 12:26:28 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

J99W



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: B-434

Lab Sample ID: 67634-3
Matrix: Solid
Percent Solid: 86
Dilution Factor: 2.3
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	560	545 J
Acenaphthylene	560	385 J
Acenaphthene	560	1020
Fluorene	560	966
Phenanthrene	560	8830
Anthracene	560	2000
Fluoranthene	560	9890
Pyrene	560	8930
Benzo[a]anthracene	560	5950
Chrysene	560	5320
Benzo[b]fluoranthene	560	7140
Benzo[k]fluoranthene	560	1720
Benzo[a]pyrene	560	4730
Dibenz[a,h]anthracene	560	677
Benzo(g,h,i)perylene	560	2010
Indeno[1,2,3-cd]pyrene	560	2680
2-Methylnaphthalene	560	392 J

Surrogate Standard Recovery

d5-nitrobenzene 62 % 2-Fluorobiphenyl 70 % d14-p-terphenyl 47 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

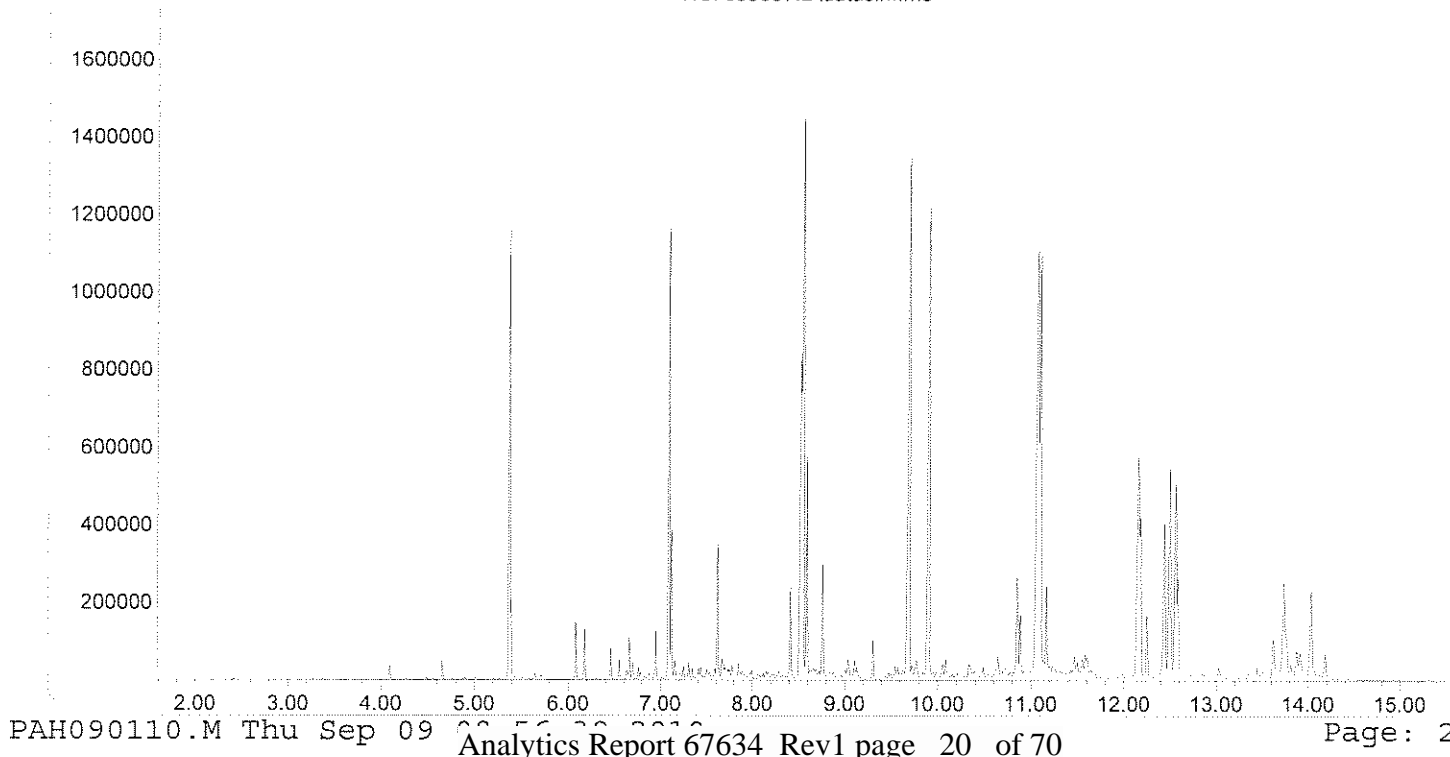
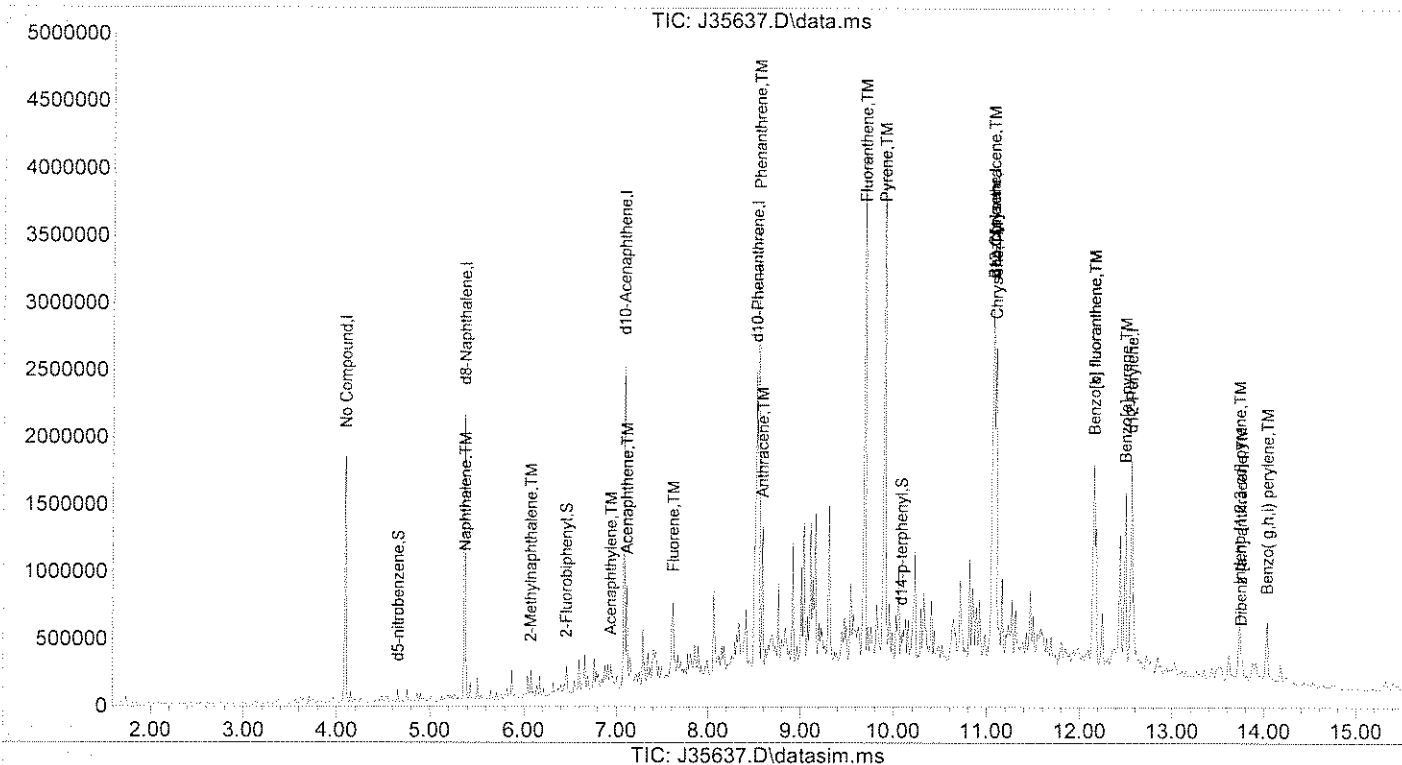
COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.



Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35637.D
Acq On : 9 Sep 2010 7:16 am
Operator : AR/MG
Sample : 67634-3,,1:2
Misc : SOIL
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 09 08:56:38 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

59-910



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: B422

SAMPLE DATA

Lab Sample ID: 67634-5 SIM
Matrix: Solid
Percent Solid: 97
Dilution Factor: 52
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	360	21100
Acenaphthylene	360	2710
Acenaphthene	360	26700
Fluorene	360	32200
Phenanthrene	360	125900 E
Anthracene	360	47400
Fluoranthene	360	145700 E
Pyrene	360	143900 E
Benzo[a]anthracene	360	210400 E
Chrysene	360	112100 E
Benzo[b] fluoranthene	360	171100 E
Benzo[k] fluoranthene	360	46100
Benzo[a] pyrene	360	110700
Dibenz [a,h] anthracene	360	14700
Benzo(g,h,i) perylene	360	31800
Indeno [1,2,3-cd] pyrene	360	52600
2-Methylnaphthalene	360	10300

Surrogate Standard Recovery					
d5-nitrobenzene	* %	2-Fluorobiphenyl	* %	d14-p-terphenyl	* %
U=Undetected	J=Estimated	E=Exceeds Calibration Range	B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.
* The surrogates were diluted out.

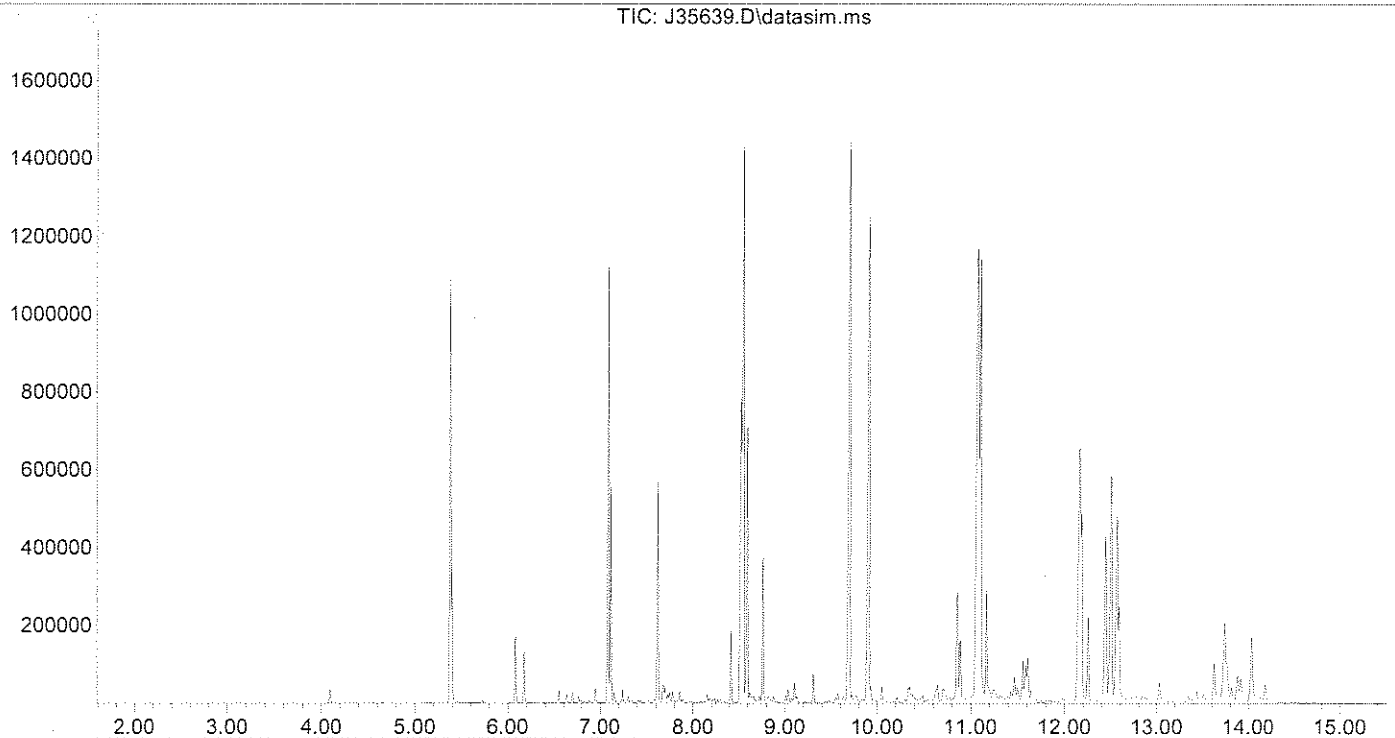
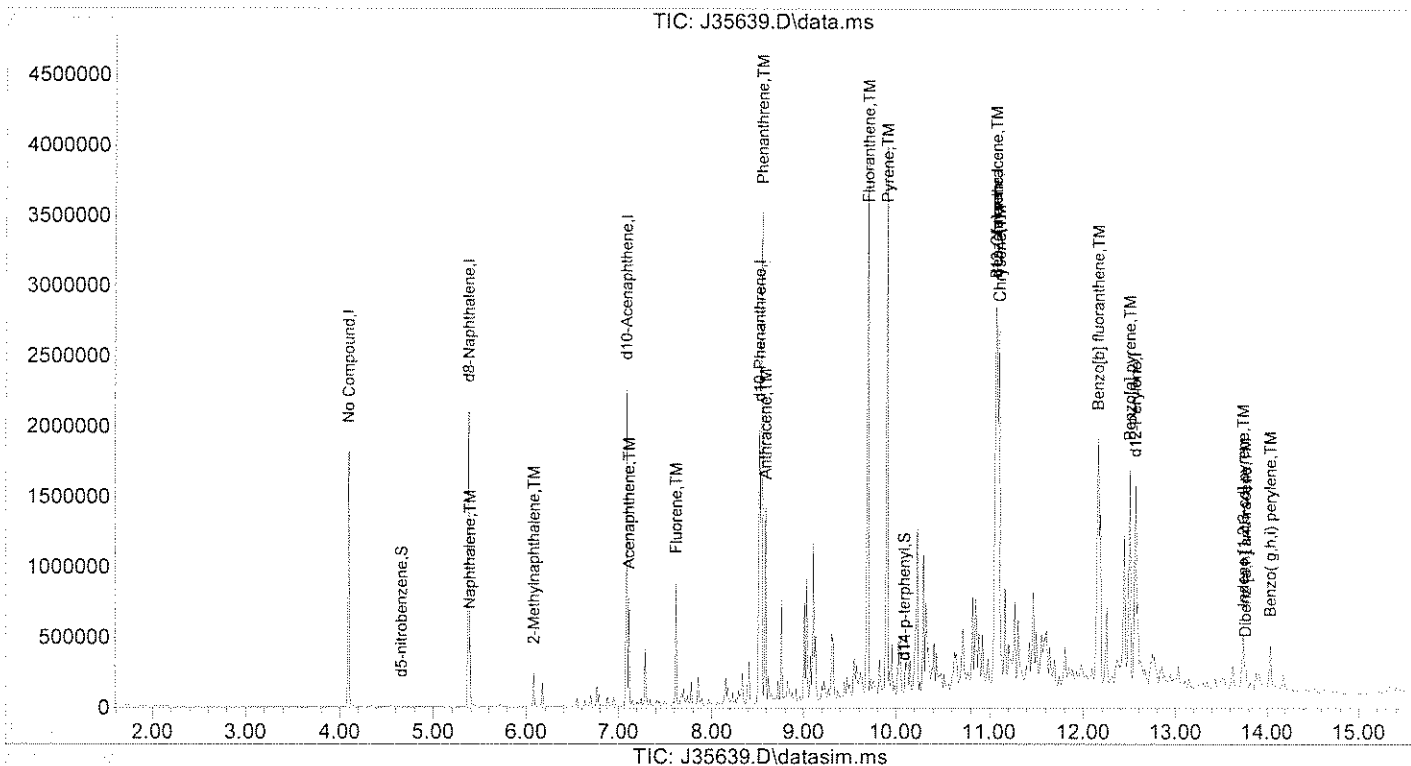
Authorized signature



Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35639.D
Acq On : 9 Sep 2010 7:59 am
Operator : AR/MG
Sample : 67634-5,,1:50
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 09 08:56:44 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

399W



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 17, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: B422

Lab Sample ID: 67634-5
Matrix: Solid
Percent Solid: 97
Dilution Factor: 52
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Result $\mu\text{g/kg}$
Naphthalene	13000	24200
Acenaphthylene	13000	U
Acenaphthene	13000	32100
Fluorene	13000	38700
Phenanthrene	13000	202000
Anthracene	13000	61200
Fluoranthene	13000	227700
Pyrene	13000	203800
Benzo[a]anthracene	13000	160900
Chrysene	13000	137000
Benzo[b]fluoranthene	13000	197100
Benzo[k]fluoranthene	13000	60900
Benzo[a]pyrene	13000	131100
Dibenz[a,h]anthracene	13000	19500
Benzo[ghi]perylene	13000	36900
Indeno[1,2,3-cd]pyrene	13000	57200
2-Methylnaphthalene	13000	11200 J

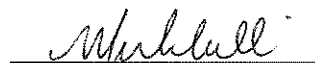
Surrogate Standard Recovery

d5-nitrobenzene *% 2-Fluorobiphenyl *% d14-p-terphenyl *%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

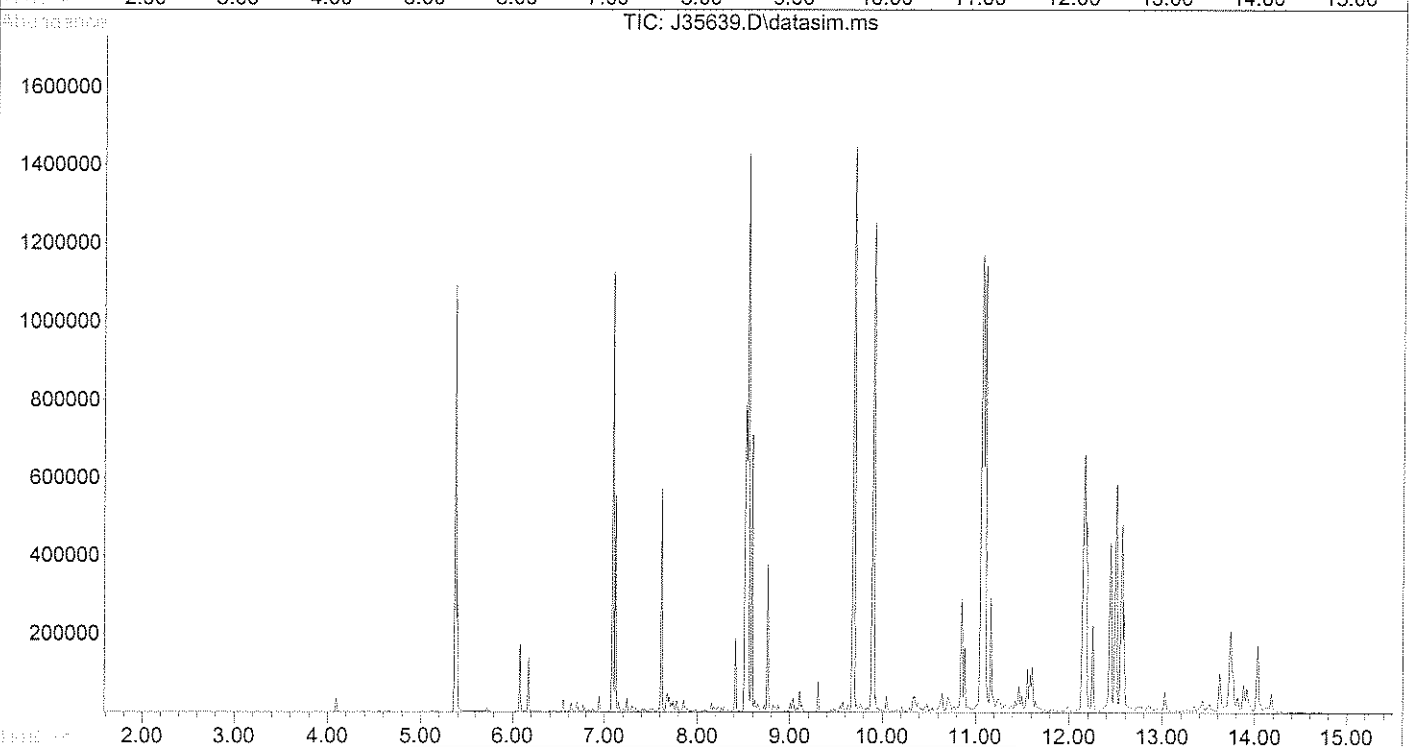
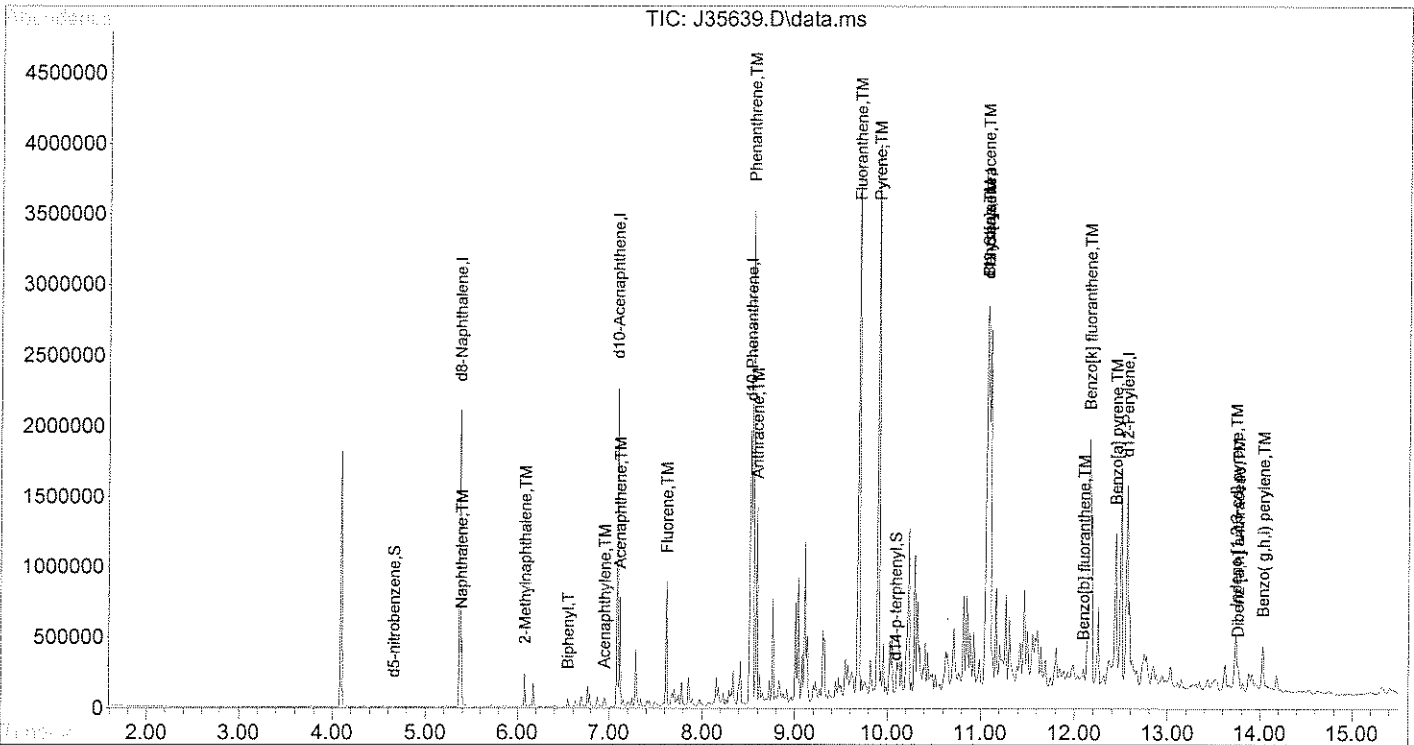
METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.
* The surrogates were diluted out.



Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35639.D
Acq On : 9 Sep 2010 7:59 am
Operator : AR/MG
Sample : 67634-5,,1:50
Misc : SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 09 12:26:32 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
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September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-6 SIM
Matrix: Solid
Percent Solid: 89
Dilution Factor: 1.1
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: B423

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	8	215
Acenaphthylene	8	512
Acenaphthene	8	115
Fluorene	8	440
Phenanthrene	8	1780 E
Anthracene	8	598
Fluoranthene	8	1740 E
Pyrene	8	2020 E
Benzo[a]anthracene	8	1860 E
Chrysene	8	1050
Benzo[b] fluoranthene	8	1410
Benzo[k] fluoranthene	8	408
Benzo[a] pyrene	8	1090
Dibenz [a,h] anthracene	8	130
Benzo(g,h,i) perylene	8	385
Indeno [1,2,3-cd] pyrene	8	556
2-Methylnaphthalene	8	241
Surrogate Standard Recovery		
d5-nitrobenzene	33 * %	2-Fluorobiphenyl 41 * %
		d14-p-terphenyl 56 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.

Results are expressed on a dry weight basis.

*Surrogate recovery outside of laboratory acceptance criteria.

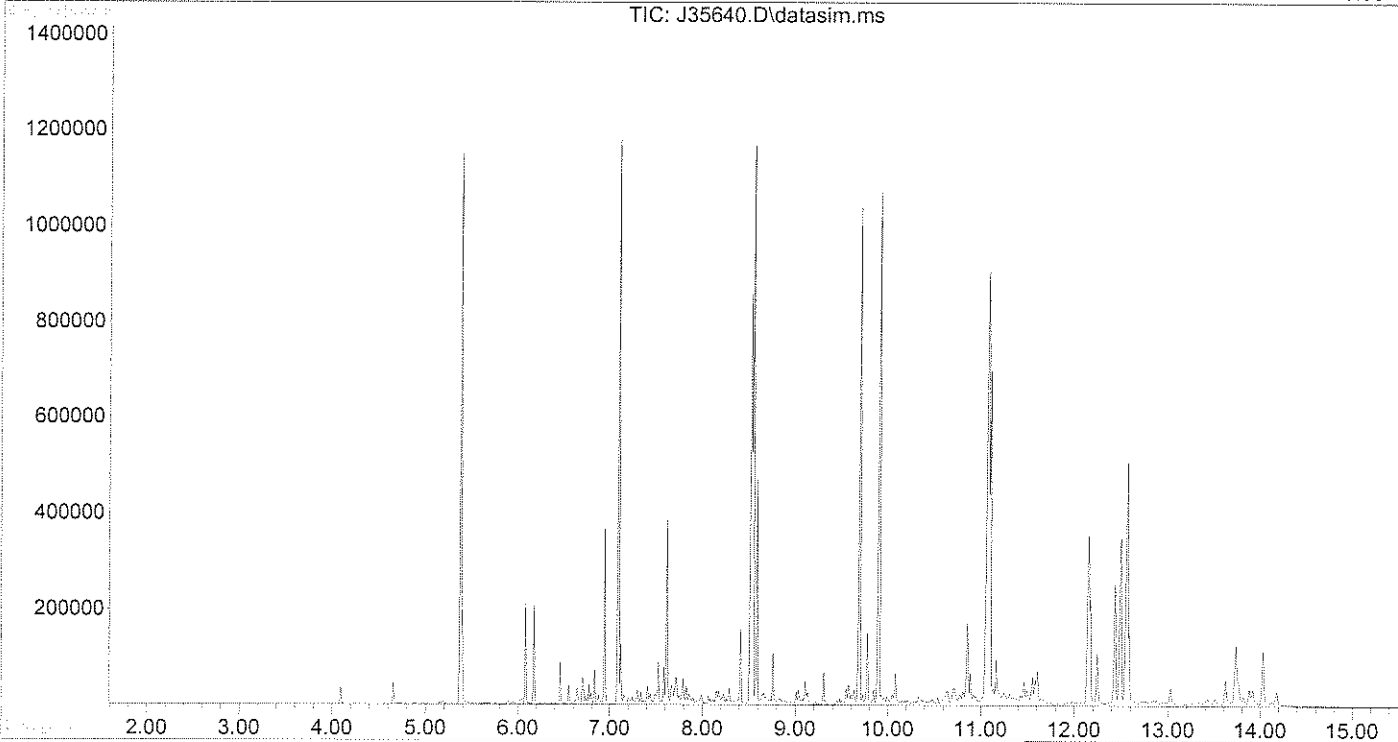
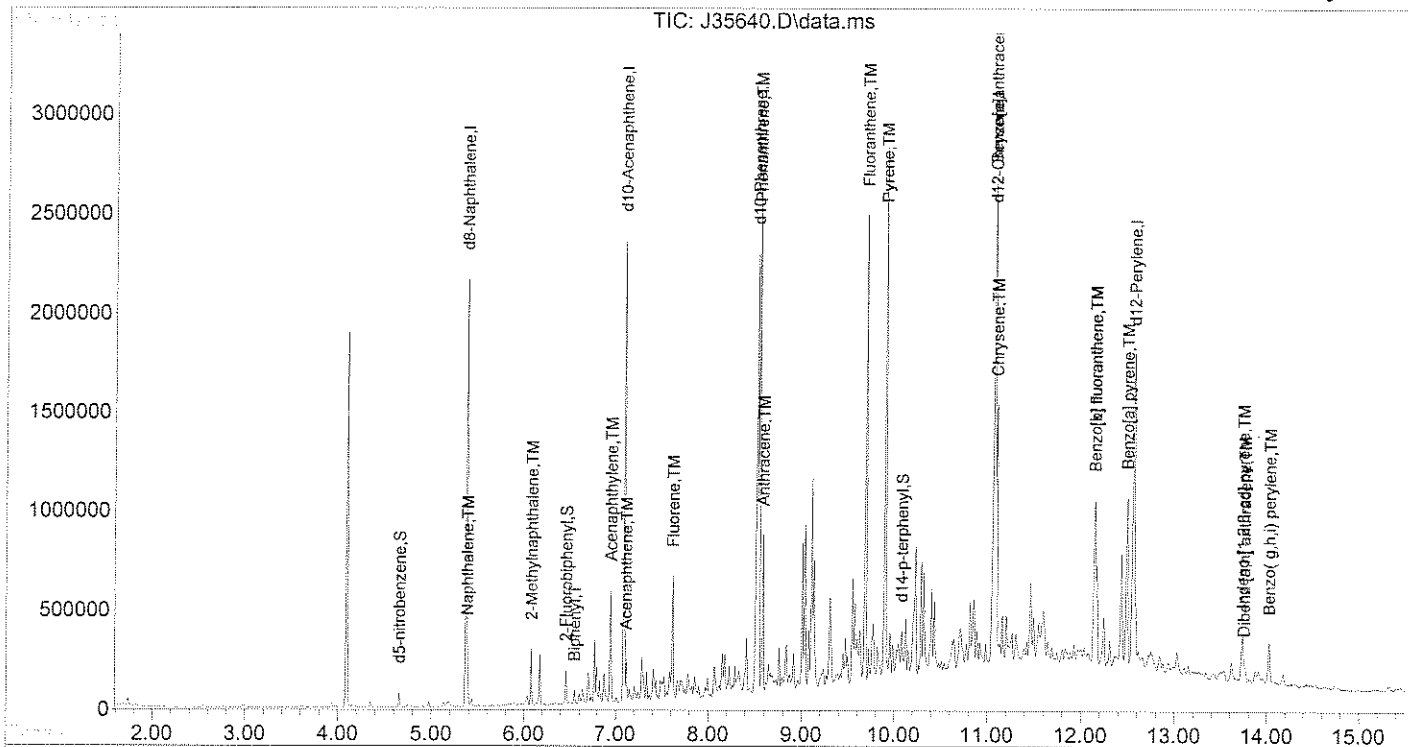
Authorized signature

M. L. L. L.

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35640.D
Acq On : 9 Sep 2010 8:20 am
Operator : AR/MG
Sample : 67634-6
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 09 12:26:34 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

09-07-10



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: B423

Lab Sample ID: 67634-6
Matrix: Solid
Percent Solid: 89
Dilution Factor: 1.1
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	270	240 J
Acenaphthylene	270	622
Acenaphthene	270	U
Fluorene	270	521
Phenanthrene	270	2570
Anthracene	270	722
Fluoranthene	270	2410
Pyrene	270	2690
Benzo[a]anthracene	270	1400
Chrysene	270	1210
Benzo[b] fluoranthene	270	1660
Benzo[k] fluoranthene	270	379
Benzo[a] pyrene	270	1270
Dibenz [a,h] anthracene	270	229 J
Benzo(g,h,i) perylene	270	446
Indeno [1,2,3-cd] pyrene	270	661
2-Methylnaphthalene	270	267 J

Surrogate Standard Recovery

d5-nitrobenzene 33 *% 2-Fluorobiphenyl 41 *% d14-p-terphenyl 56 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

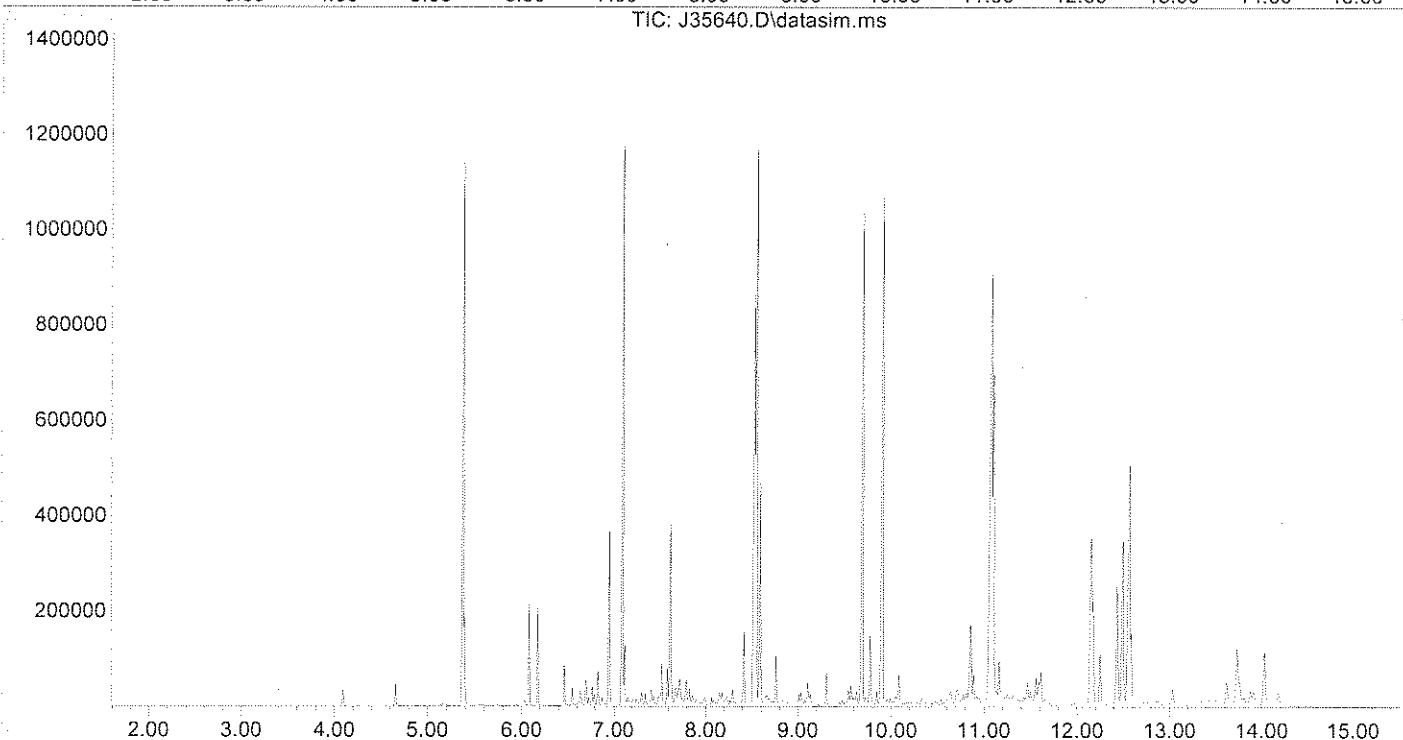
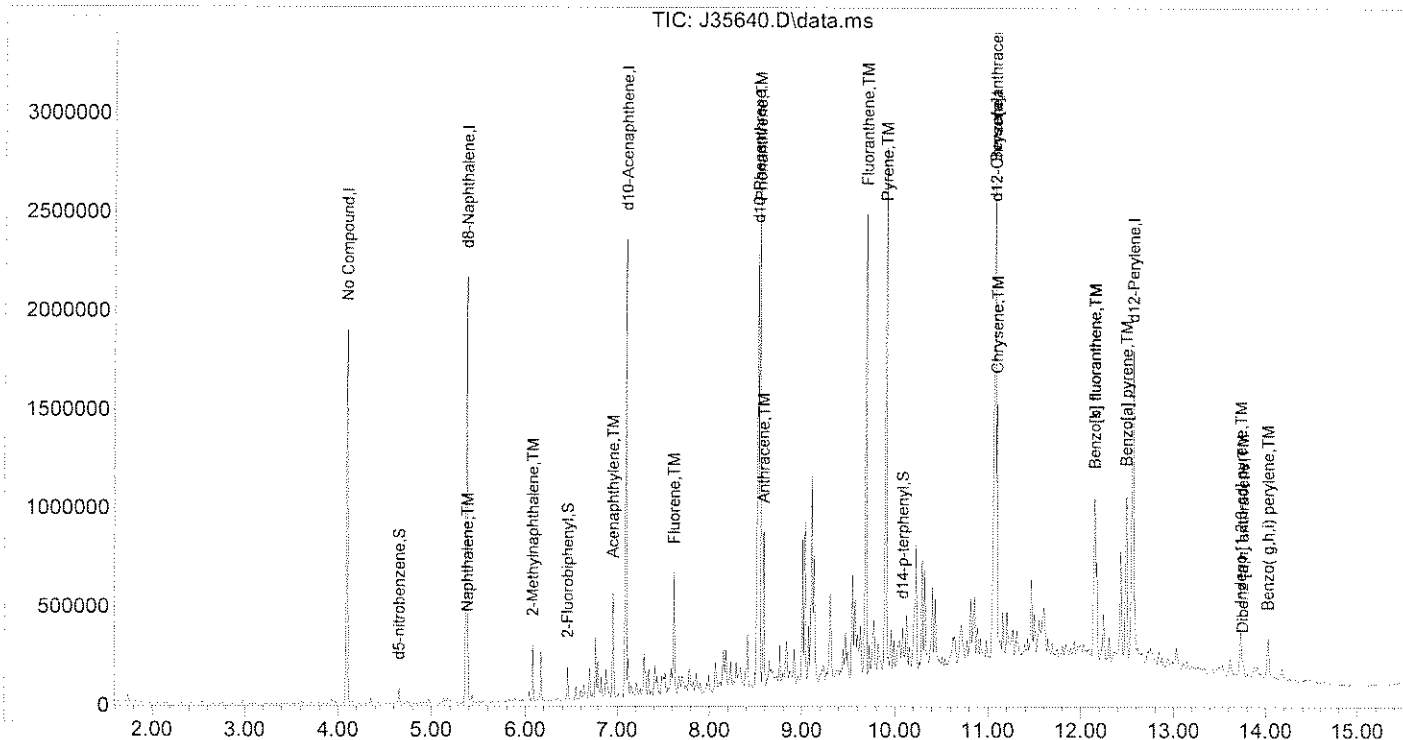
COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.
*Surrogate recovery outside of laboratory acceptance criteria.

[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35640.D
Acq On : 9 Sep 2010 8:20 am
Operator : AR/MG
Sample : 67634-6
Misc : SOIL
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 09 08:56:47 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

39910



Mr. Herb Kodis
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Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-7 SIM
Matrix: Solid
Percent Solid: 73
Dilution Factor: 1.4
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS468

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	10	136
Acenaphthylene	10	188
Acenaphthene	10	41
Fluorene	10	162
Phenanthrene	10	878
Anthracene	10	204
Fluoranthene	10	834
Pyrene	10	924
Benzo[a]anthracene	10	552
Chrysene	10	433
Benzo[b] fluoranthene	10	756
Benzo[k] fluoranthene	10	639
Benzo[a] pyrene	10	364
Dibenz [a,h] anthracene	10	44
Benzo(g,h,i) perylene	10	146
Indeno [1,2,3-cd] pyrene	10	208
2-Methylnaphthalene	10	140
Surrogate Standard Recovery		
d5-nitrobenzene	55 %	2-Fluorobiphenyl 59 %
		d14-p-terphenyl 73 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

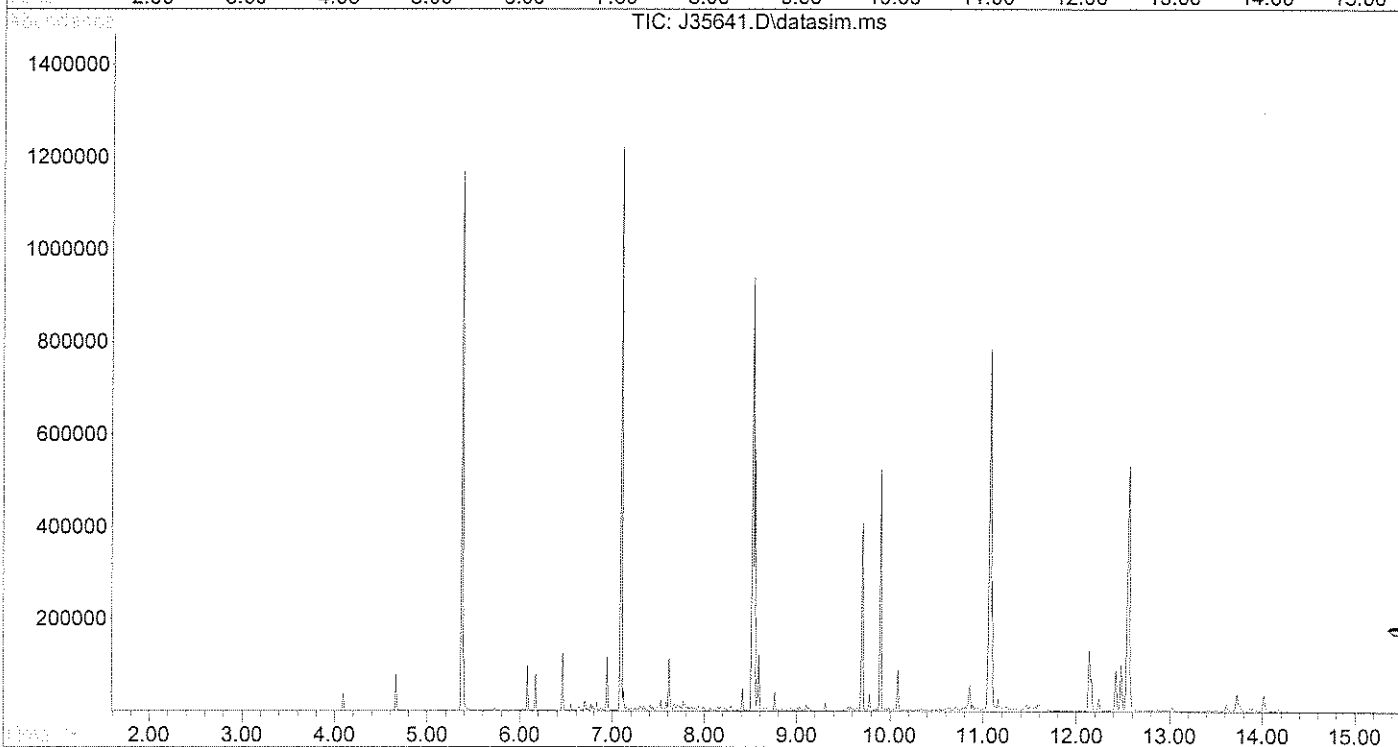
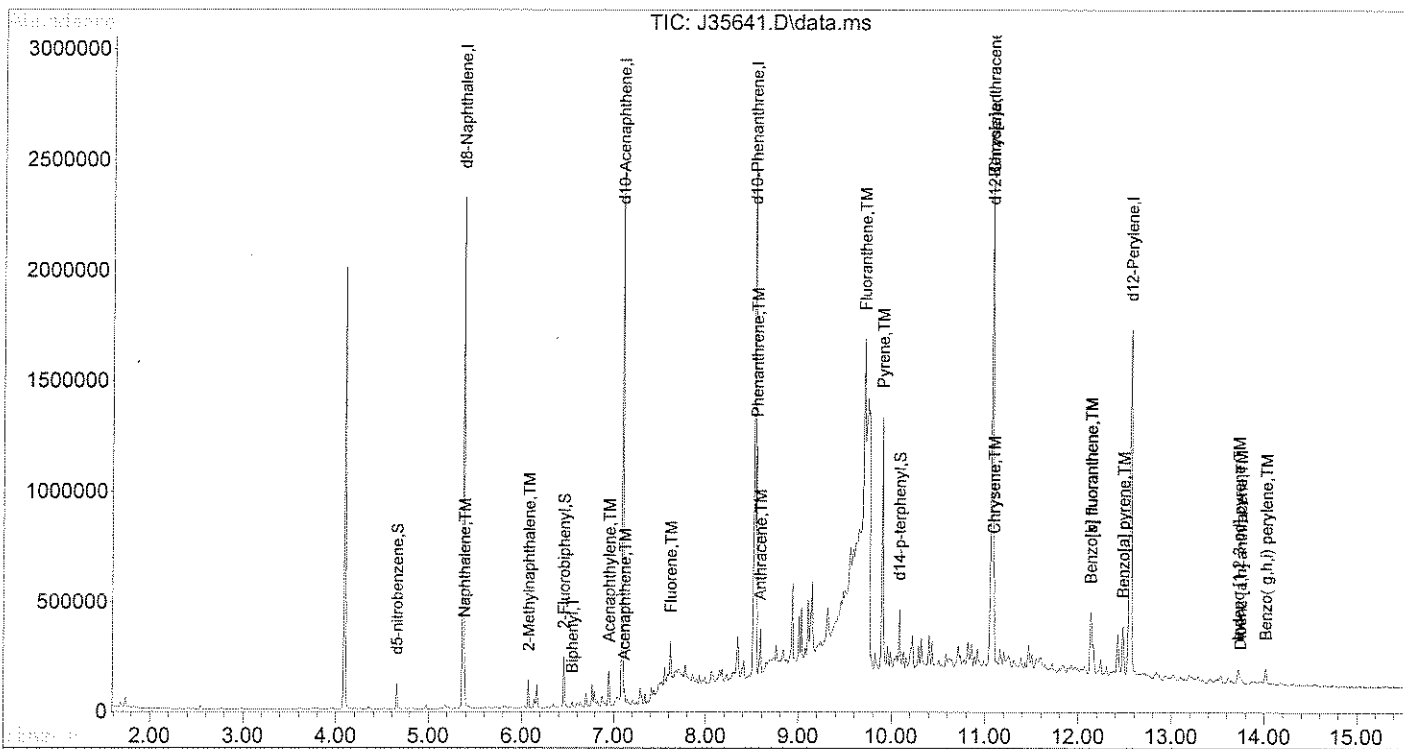
Authorized signature



Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35641.D
Acq On : 9 Sep 2010 8:41 am
Operator : AR/MG
Sample : 67634-7
Misc : SOIL
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 09 12:26:36 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

OL
09-09-10



022W

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-8 SIM
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS471A

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	95
Acenaphthylene	7	353
Acenaphthene	7	22
Fluorene	7	34
Phenanthrene	7	354
Anthracene	7	318
Fluoranthene	7	1100
Pyrene	7	1150
Benzo[a]anthracene	7	1190
Chrysene	7	954
Benzo[b] fluoranthene	7	1900 E
Benzo[k] fluoranthene	7	445
Benzo[a] pyrene	7	613
Dibenz [a,h] anthracene	7	113
Benzo(g,h,i) perylene	7	252
Indeno [1,2,3-cd] pyrene	7	446
2-Methylnaphthalene	7	114
Surrogate Standard Recovery		
d5-nitrobenzene 65 %	2-Fluorobiphenyl 78 %	d14-p-terphenyl 93 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

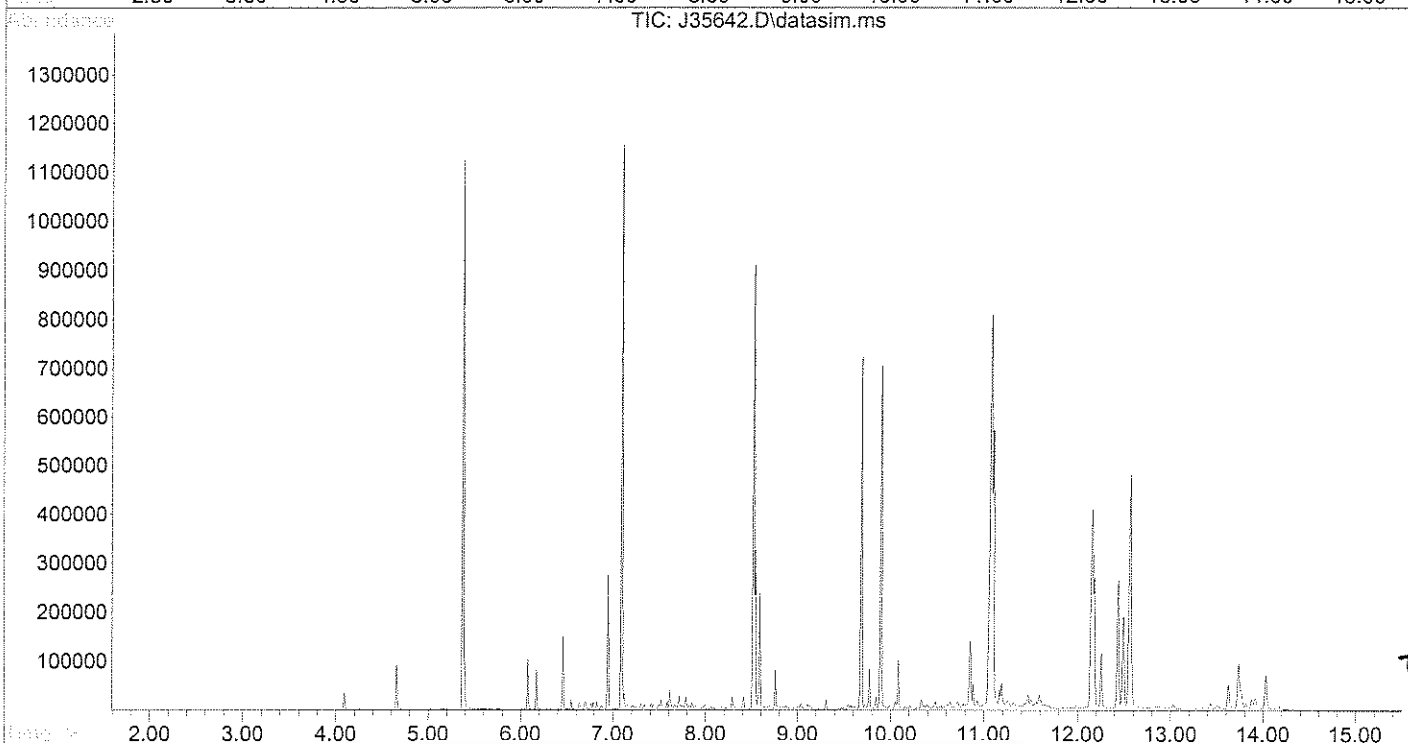
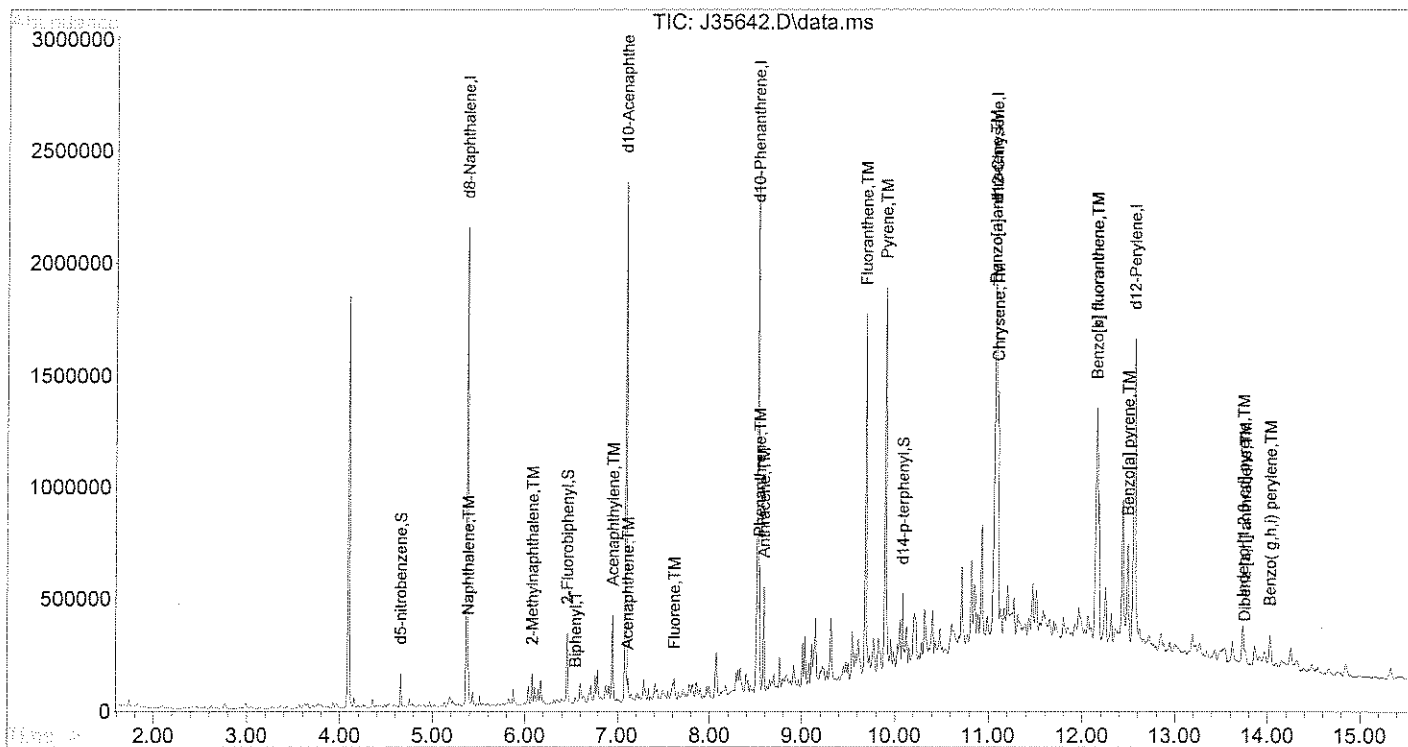
Authorized signature

Updell

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35642.D
Acq On : 9 Sep 2010 9:02 am
Operator : AR/MG
Sample : 67634-8
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 12:26:38 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

OK
09-09-10



0529W

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: SS471A

Lab Sample ID: 67634-8
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	260	U
Acenaphthylene	260	413
Acenaphthene	260	U
Fluorene	260	U
Phenanthrene	260	424
Anthracene	260	367
Fluoranthene	260	1410
Pyrene	260	1420
Benzo[a]anthracene	260	845
Chrysene	260	1080
Benzo[b]fluoranthene	260	2150
Benzo[k]fluoranthene	260	528
Benzo[a]pyrene	260	713
Dibenz[a,h]anthracene	260	208 J
Benzo[g,h,i]perylene	260	293
Indeno[1,2,3-cd]pyrene	260	554
2-Methylnaphthalene	260	U

Surrogate Standard Recovery

d5-nitrobenzene 65 % 2-Fluorobiphenyl 78 % d14-p-terphenyl 93 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

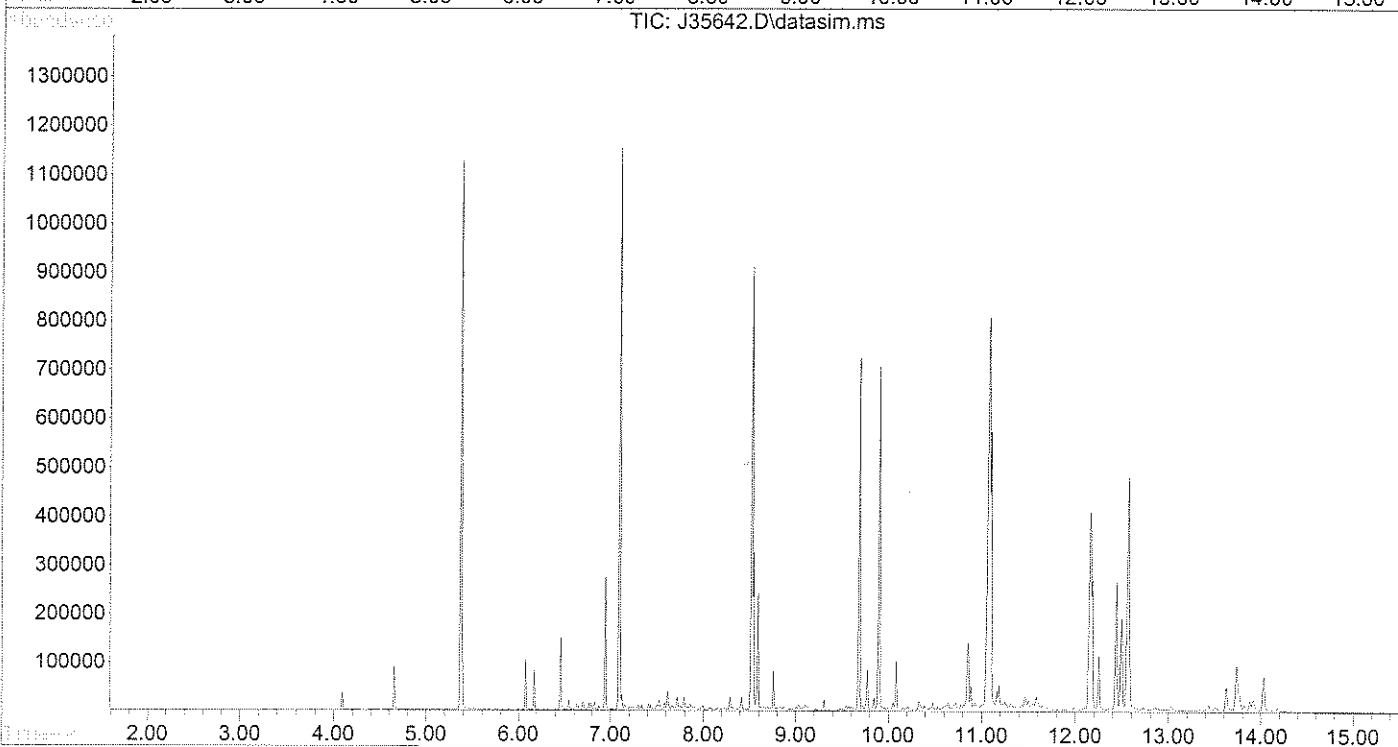
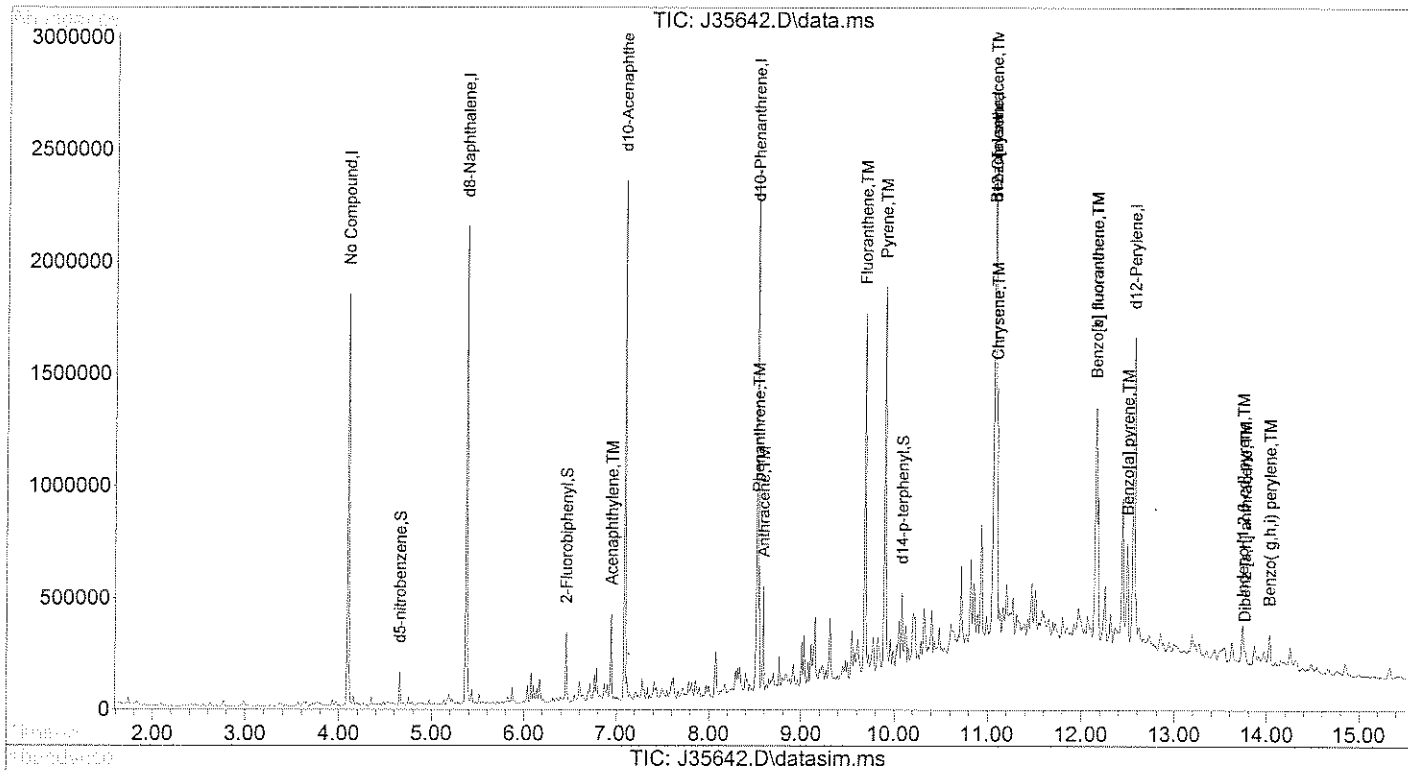
COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35642.D
Acq On : 9 Sep 2010 9:02 am
Operator : AR/MG
Sample : 67634-8
Misc : SOIL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 09 12:22:57 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

J9910



Mr. Herb Kodis
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Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS467

SAMPLE DATA

Lab Sample ID: 67634-9 SIM
Matrix: Solid
Percent Solid: 93
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	U
Acenaphthylene	7	6.1 J
Acenaphthene	7	U
Fluorene	7	U
Phenanthrene	7	U
Anthracene	7	U
Fluoranthene	7	18
Pyrene	7	20
Benzo[a]anthracene	7	19
Chrysene	7	13
Benzo[b] fluoranthene	7	23
Benzo[k] fluoranthene	7	10
Benzo[a] pyrene	7	14
Dibenz [a,h] anthracene	7	U
Benzo(g,h,i) perylene	7	14
Indeno [1,2,3-cd] pyrene	7	15
2-Methylnaphthalene	7	U
Surrogate Standard Recovery		
d5-nitrobenzene	48 %	2-Fluorobiphenyl 53 %
		d14-p-terphenyl 75 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

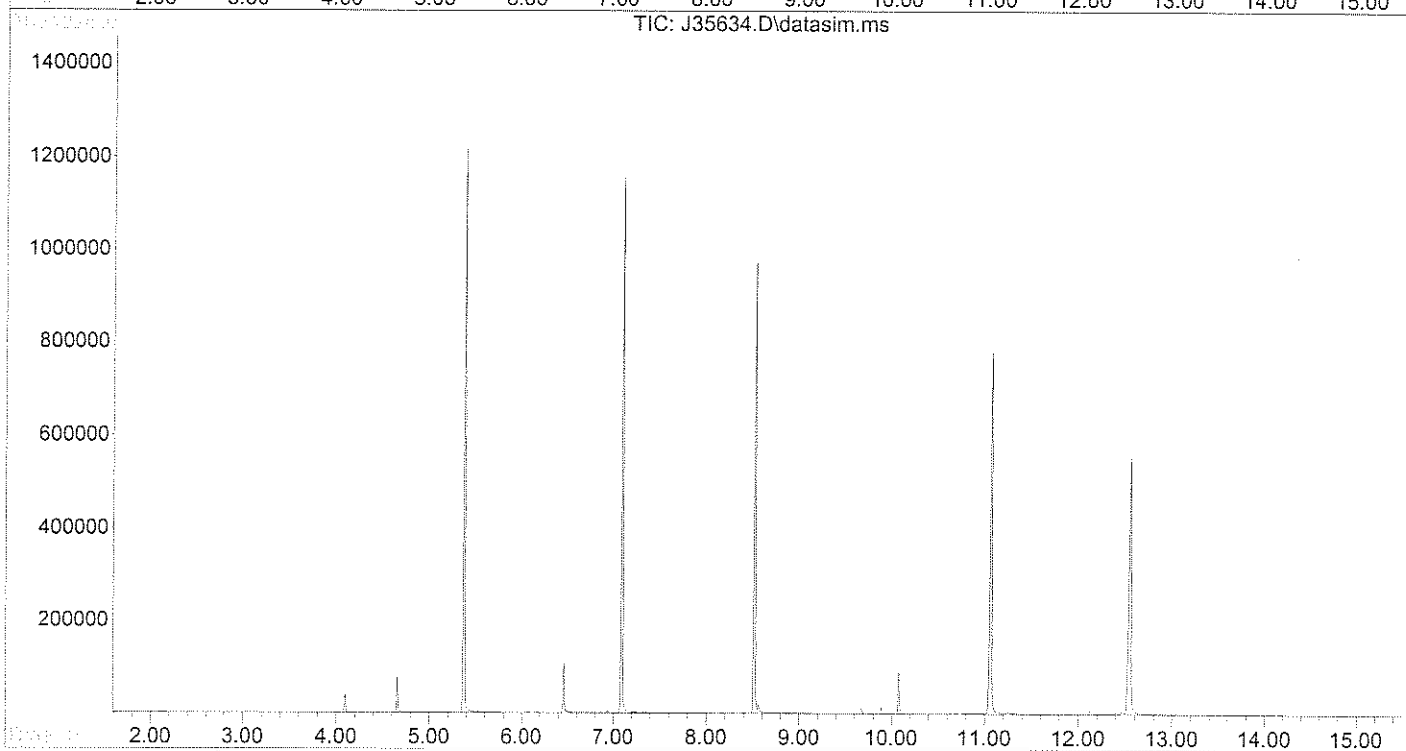
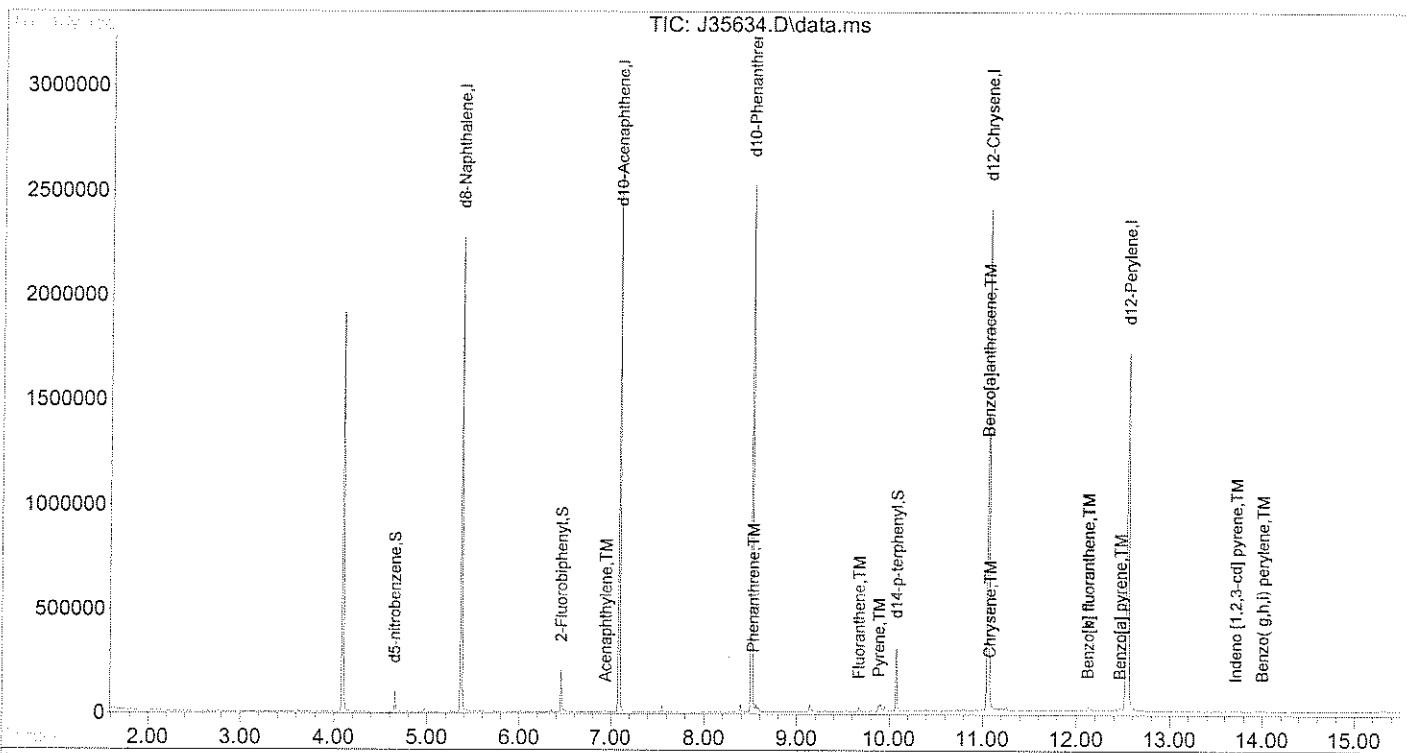
COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

Authorized signature

M. J. Smith

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35634.D
Acq On : 9 Sep 2010 6:13 am
Operator : AR/MG
Sample : 67634-9
Misc : SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 09 12:26:22 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS471

SAMPLE DATA

Lab Sample ID: 67634-10 SIM
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	143
Acenaphthylene	7	380
Acenaphthene	7	113
Fluorene	7	94
Phenanthrene	7	875
Anthracene	7	427
Fluoranthene	7	1480 E
Pyrene	7	1420 E
Benzo[a]anthracene	7	1640 E
Chrysene	7	1180
Benzo[b] fluoranthene	7	2330 E
Benzo[k] fluoranthene	7	609
Benzo[a] pyrene	7	920
Dibenz [a,h] anthracene	7	131
Benzo(g,h,i) perylene	7	297
Indeno [1,2,3-cd] pyrene	7	535
2-Methylnaphthalene	7	180
Surrogate Standard Recovery		
d5-nitrobenzene 69 %	2-Fluorobiphenyl 79 %	d14-p-terphenyl 92 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

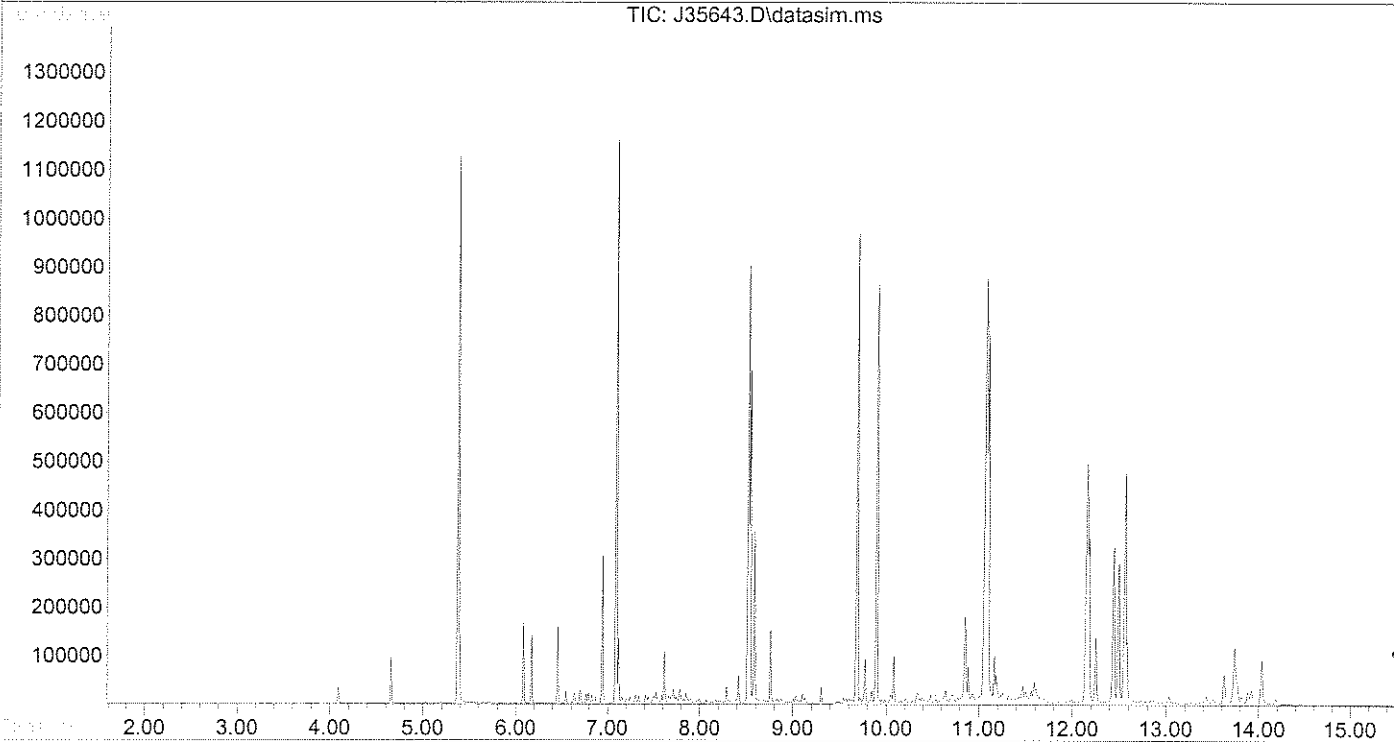
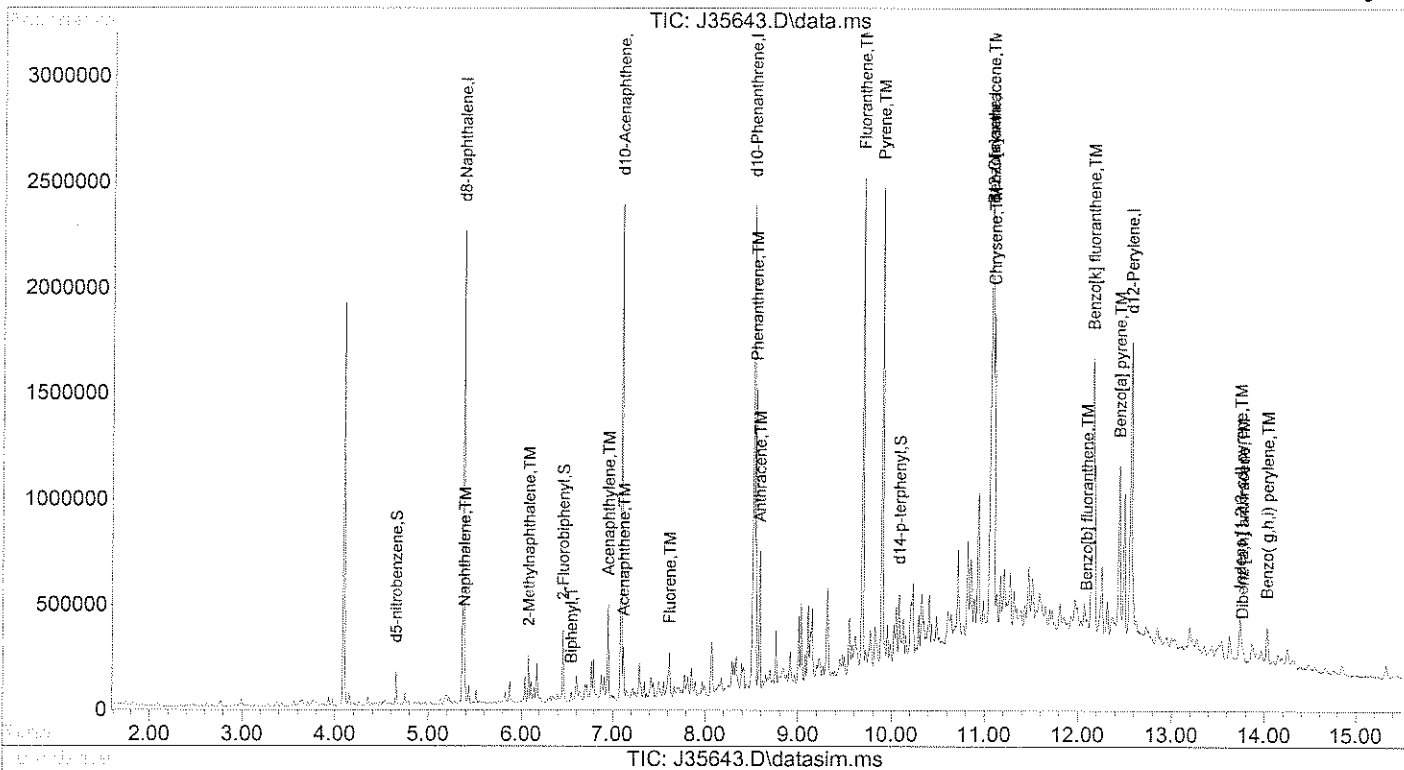
Authorized signature

M. J. McNeill

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35643.D
Acq On : 9 Sep 2010 9:23 am
Operator : AR/MG
Sample : 67634-10
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 09 12:26:40 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

02
09-09-10



0294

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: SS471

Lab Sample ID: 67634-10
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Result $\mu\text{g/kg}$
Naphthalene	240	159 J
Acenaphthylene	240	448
Acenaphthene	240	U
Fluorene	240	U
Phenanthrene	240	1130
Anthracene	240	498
Fluoranthene	240	2020
Pyrene	240	1820
Benzo[a]anthracene	240	1180
Chrysene	240	1460
Benzo[b] fluoranthene	240	2730
Benzo[k] fluoranthene	240	773
Benzo[a] pyrene	240	1080
Dibenz [a,h] anthracene	240	232 J
Benzo(g,h,i) perylene	240	340
Indeno [1,2,3-cd] pyrene	240	632
2-Methylnaphthalene	240	195 J

Surrogate Standard Recovery

d5-nitrobenzene 69 % 2-Fluorobiphenyl 79 % d14-p-terphenyl 92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

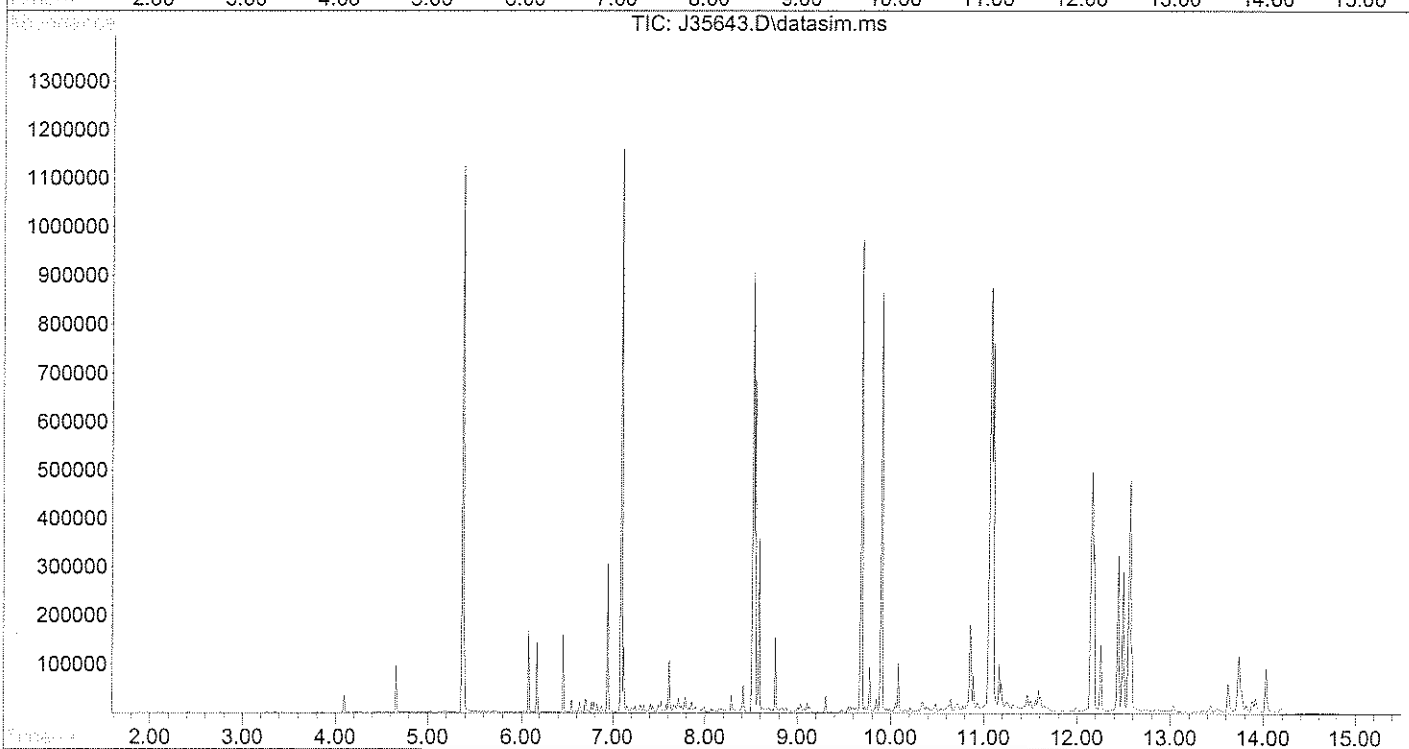
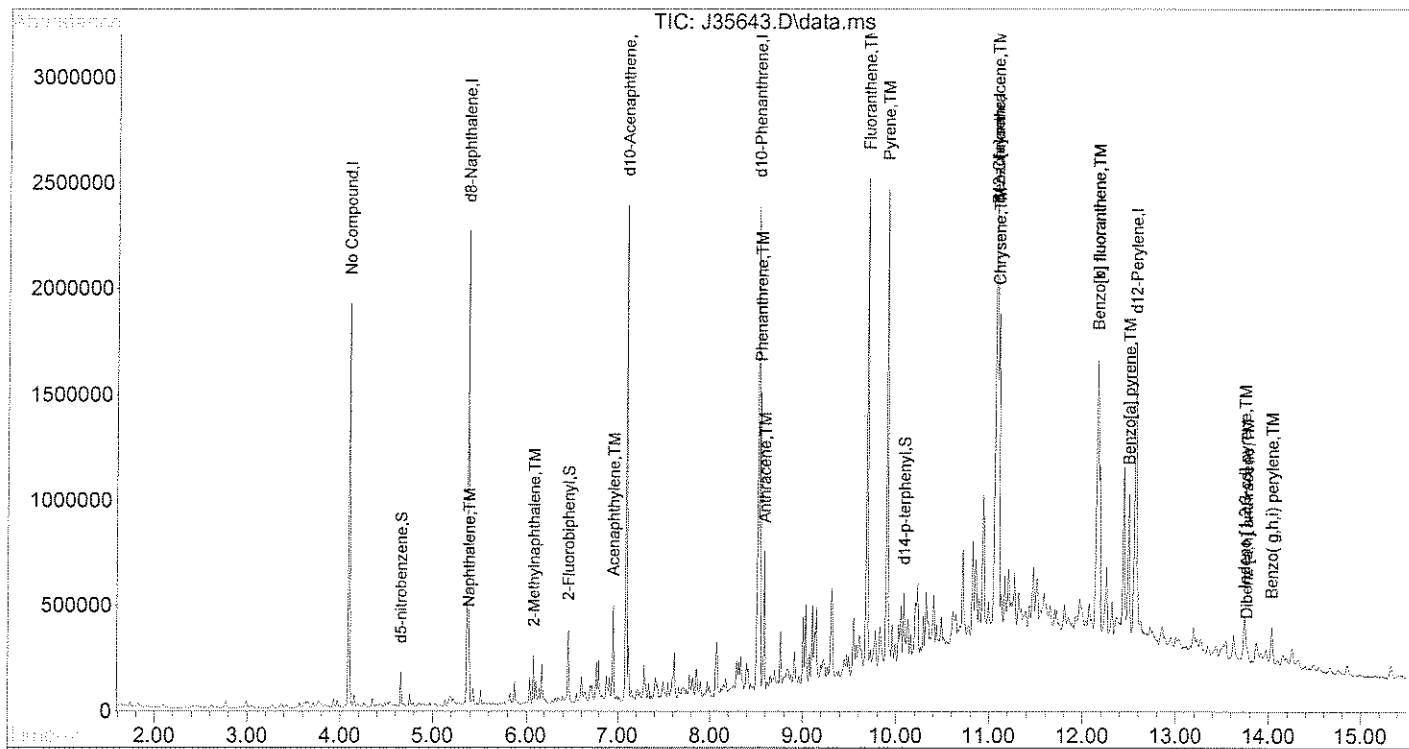
COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35643.D
Acq On : 9 Sep 2010 9:23 am
Operator : AR/MG
Sample : 67634-10
Misc : SOIL
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 09 12:23:01 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

39 910



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-11 SIM
Matrix: Solid
Percent Solid: 92
Dilution Factor: 1.1
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS472

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	8	127
Acenaphthylene	8	124
Acenaphthene	8	190
Fluorene	8	174
Phenanthrene	8	1240
Anthracene	8	396
Fluoranthene	8	1570 E
Pyrene	8	1440
Benzo[a]anthracene	8	1440 E
Chrysene	8	1110
Benzo[b]fluoranthene	8	2120 E
Benzo[k]fluoranthene	8	538
Benzo[a]pyrene	8	1000
Dibenz[a,h]anthracene	8	90
Benzo[g,h,i]perylene	8	204
Indeno[1,2,3-cd]pyrene	8	353
2-Methylnaphthalene	8	127
Surrogate Standard Recovery		
d5-nitrobenzene	73 %	2-Fluorobiphenyl 82 %
		d14-p-terphenyl 89 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

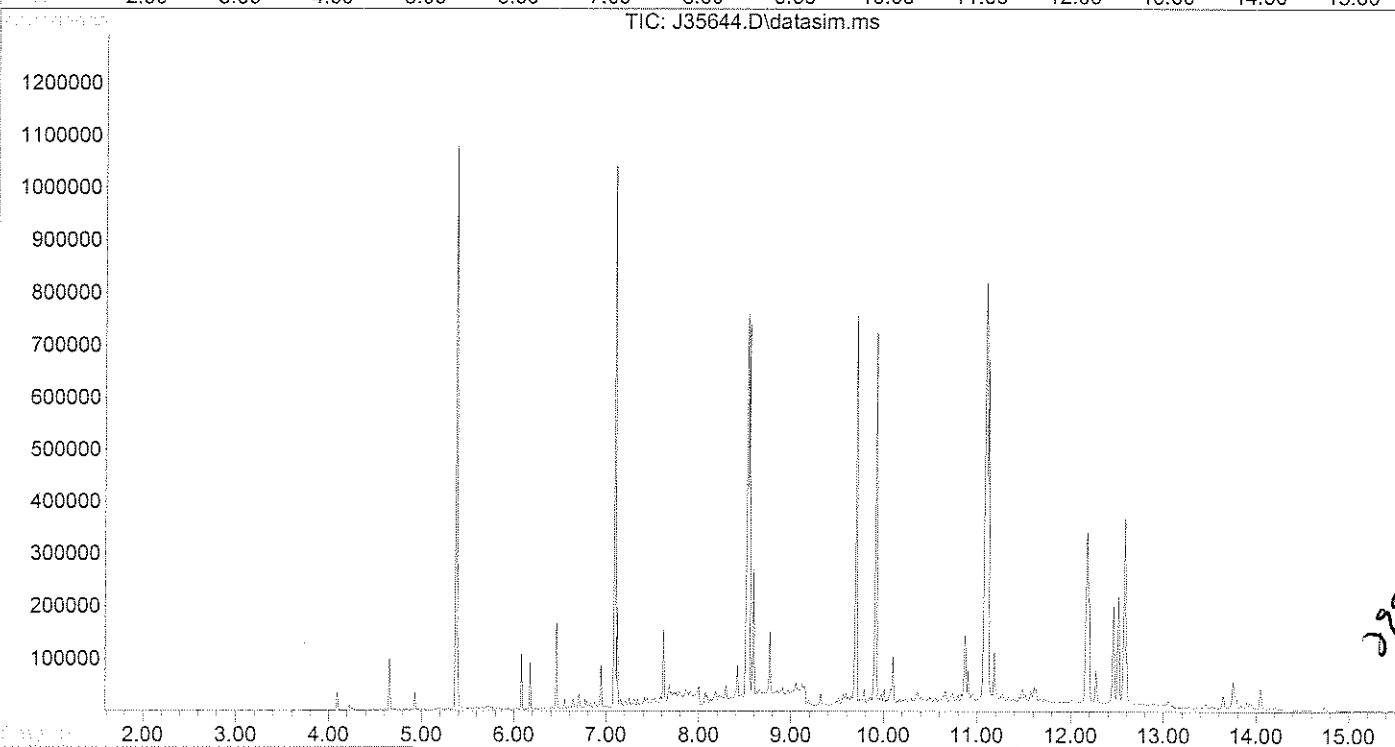
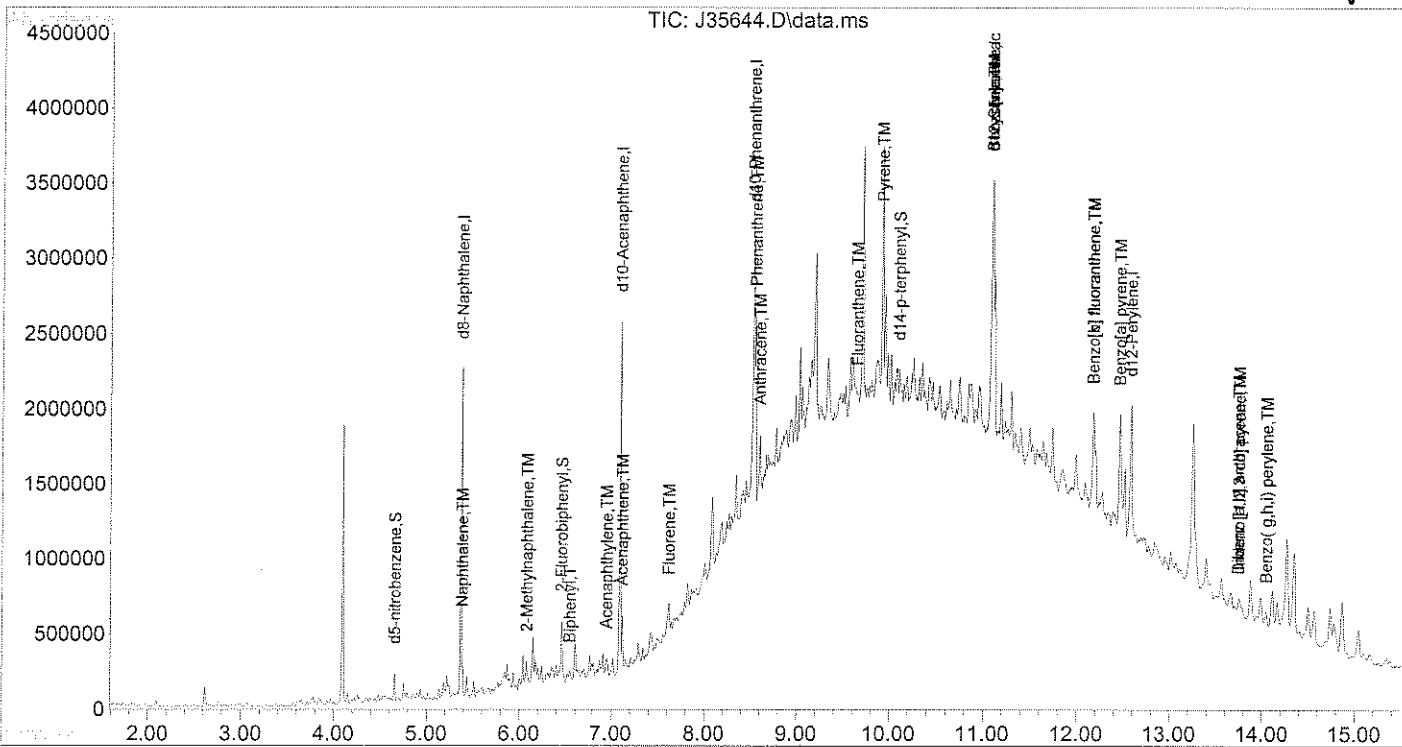
Authorized signature

M. L. L. L.

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35644.D
Acq On : 9 Sep 2010 9:44 am
Operator : AR/MG
Sample : 67634-11
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 09 12:26:42 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

UL
19-09-10



2992

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: SS472

Lab Sample ID: 67634-11
Matrix: Solid
Percent Solid: 92
Dilution Factor: 1.1
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	270	U
Acenaphthylene	270	146 J
Acenaphthene	270	219 J
Fluorene	270	204 J
Phenanthrene	270	1720
Anthracene	270	477
Fluoranthene	270	2240
Pyrene	270	2030
Benzo[a]anthracene	270	1420
Chrysene	270	1470
Benzo[b]fluoranthene	270	2490
Benzo[k]fluoranthene	270	684
Benzo[a]pyrene	270	1220
Dibenz[a,h]anthracene	270	199 J
Benzo(g,h,i)perylene	270	246 J
Indeno[1,2,3-cd]pyrene	270	488
2-Methylnaphthalene	270	U

Surrogate Standard Recovery

d5-nitrobenzene 73 % 2-Fluorobiphenyl 82 % d14-p-terphenyl 89 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

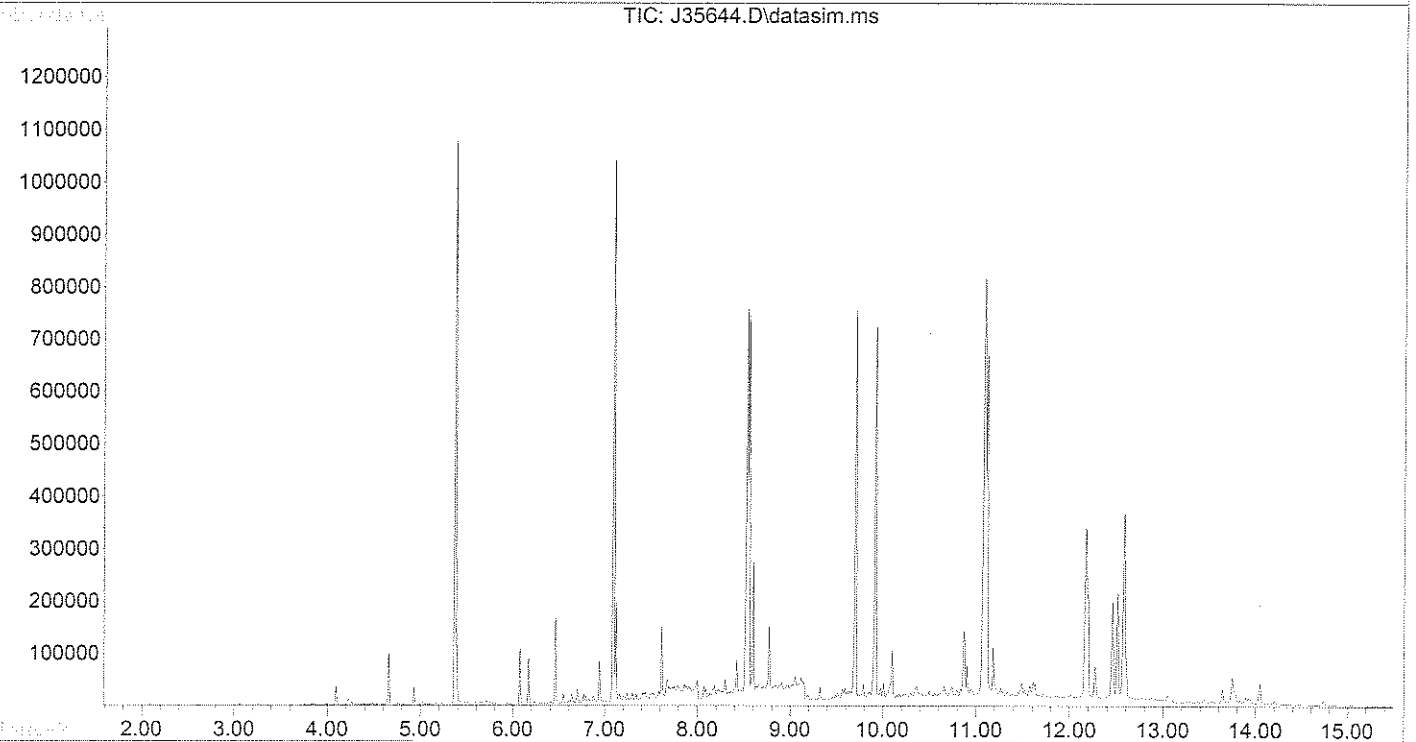
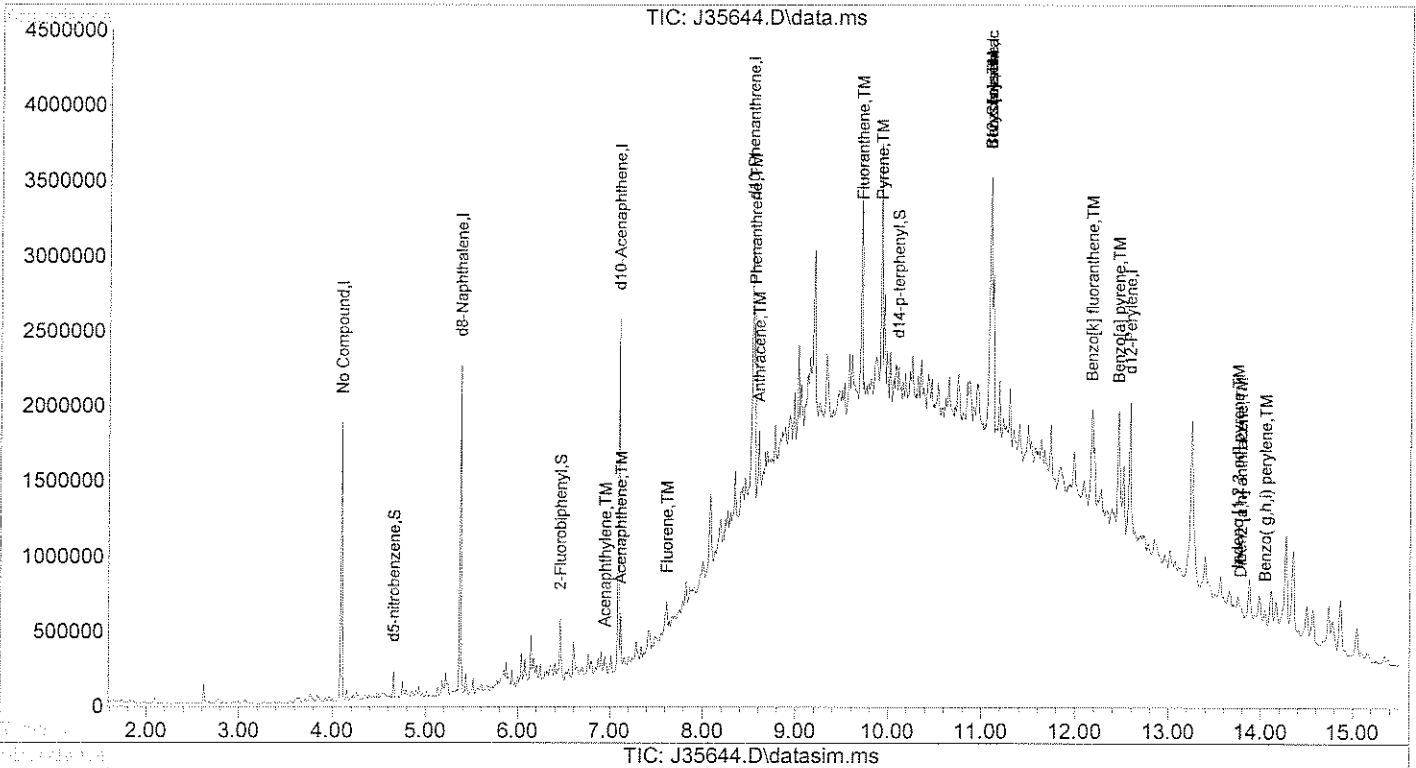
METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35644.D
Acq On : 9 Sep 2010 9:44 am
Operator : AR/MG
Sample : 67634-11
Misc : SOIL
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 09 12:23:04 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

59-910



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

Lab Sample ID: 67634-12 SIM
Matrix: Solid
Percent Solid: 95
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS466

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit μ g/kg	Results μ g/kg
Naphthalene	7	6.8 J
Acenaphthylene	7	11
Acenaphthene	7	U
Fluorene	7	U
Phenanthrene	7	6.7 J
Anthracene	7	U
Fluoranthene	7	11
Pyrene	7	12
Benzo[a]anthracene	7	20
Chrysene	7	7.6
Benzo[b] fluoranthene	7	23
Benzo[k] fluoranthene	7	6.7 J
Benzo[a] pyrene	7	13
Dibenz [a,h] anthracene	7	U
Benzo(g,h,i) perylene	7	7.5
Indeno [1,2,3-cd] pyrene	7	9.2
2-Methylnaphthalene	7	U
Surrogate Standard Recovery		
d5-nitrobenzene	51 %	2-Fluorobiphenyl 61 %
		d14-p-terphenyl 90 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

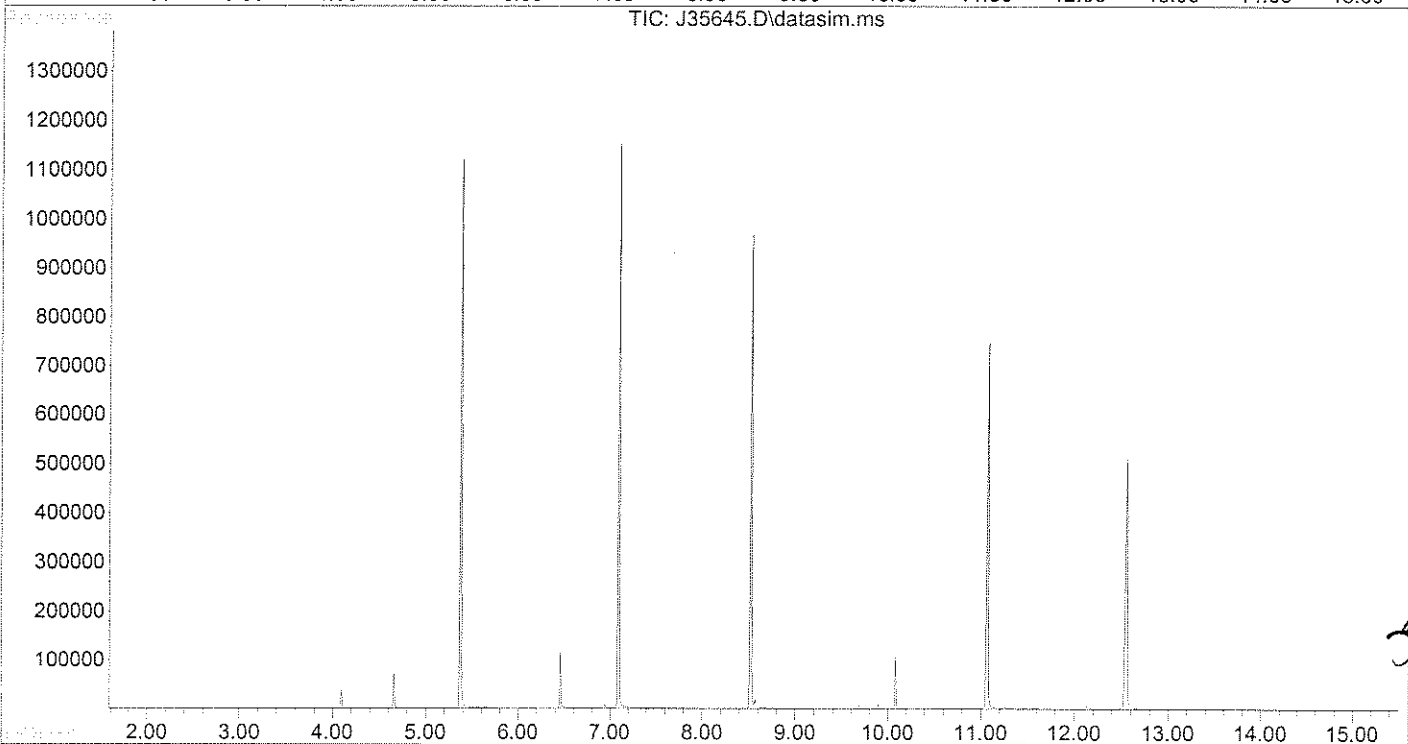
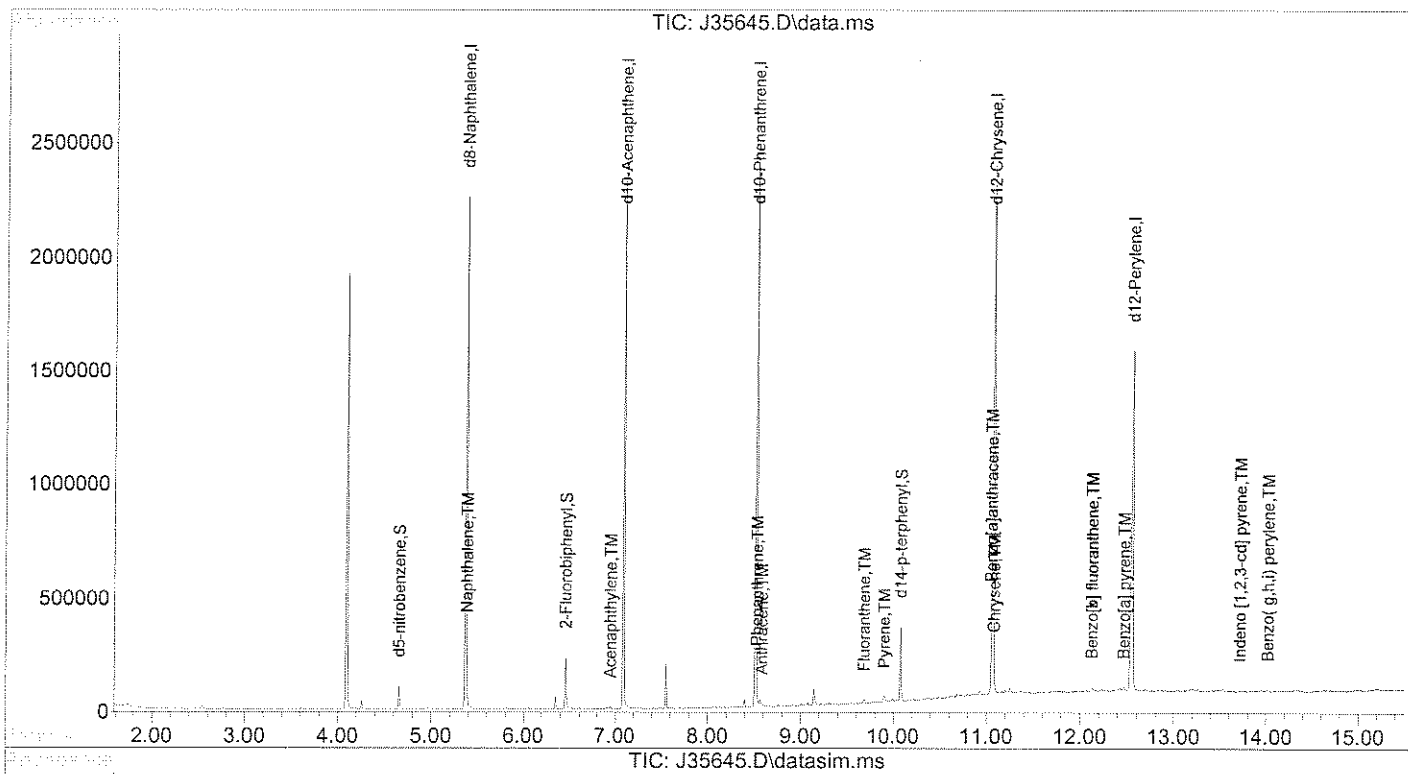
Authorized signature

M. L. Marshall

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35645.D
Acq On : 9 Sep 2010 10:05 am
Operator : AR/MG
Sample : 67634-12
Misc : SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 09 12:26:44 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

OK
09-09-10



390

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS470

SAMPLE DATA

Lab Sample ID: 67634-13 SIM
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	408
Acenaphthylene	7	416
Acenaphthene	7	46
Fluorene	7	73
Phenanthrene	7	794
Anthracene	7	512
Fluoranthene	7	1280
Pyrene	7	1270
Benzo[a]anthracene	7	1850 E
Chrysene	7	1730 E
Benzo[b]fluoranthene	7	3660 E
Benzo[k]fluoranthene	7	826
Benzo[a]pyrene	7	942
Dibenz[a,h]anthracene	7	113
Benzo[g,h,i]perylene	7	235
Indeno[1,2,3-cd]pyrene	7	450
2-Methylnaphthalene	7	529
Surrogate Standard Recovery		
d5-nitrobenzene 70 %	2-Fluorobiphenyl 77 %	d14-p-terphenyl 86 %
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

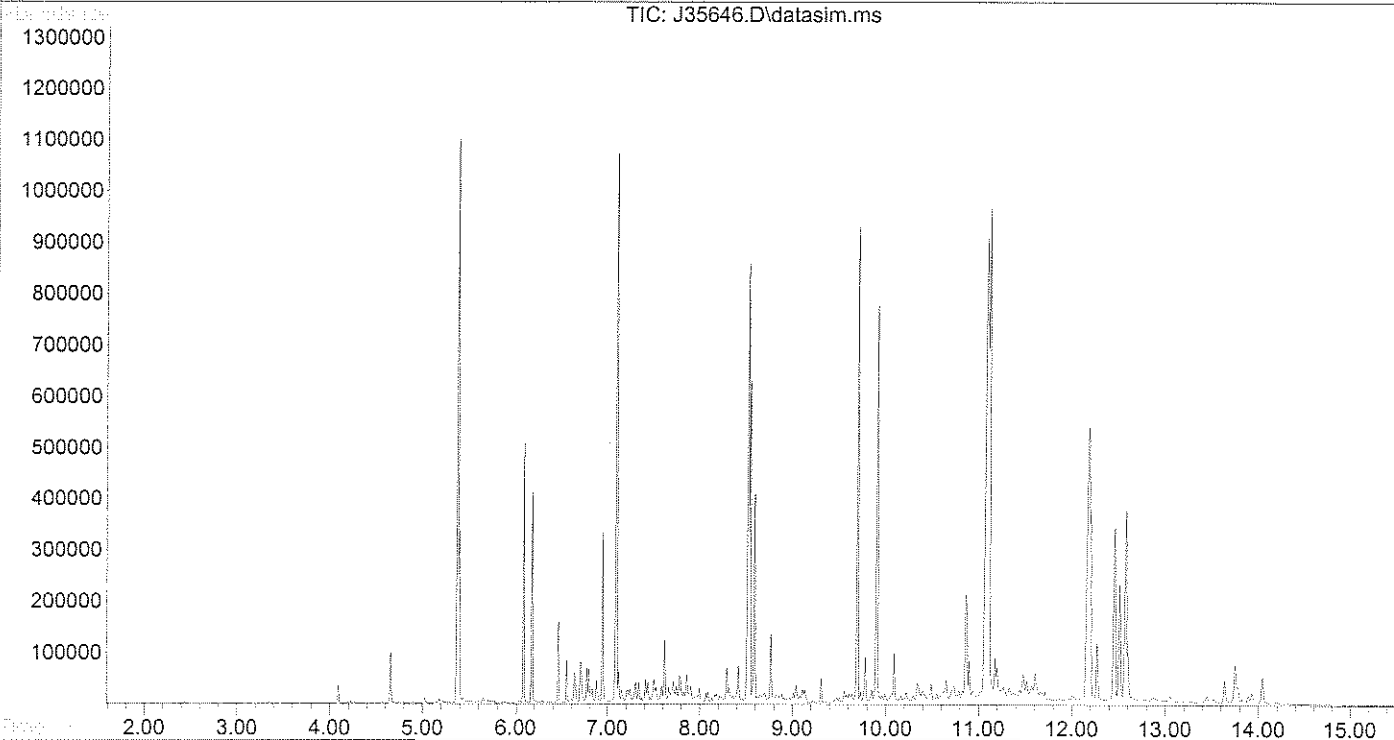
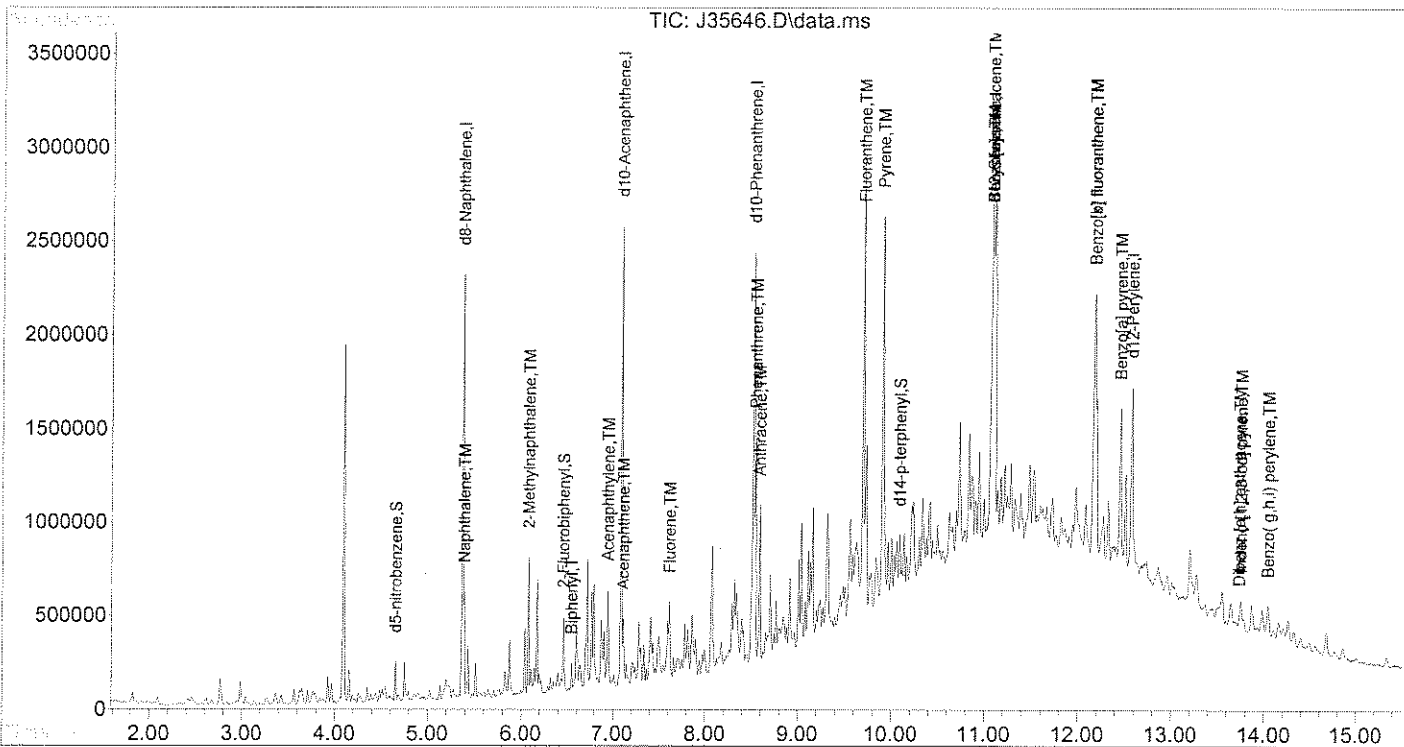
Authorized signature

[Signature]

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35646.D
Acq On : 9 Sep 2010 10:26 am
Operator : AR/MG
Sample : 67634-13
Misc : SOIL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 12:26:46 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

09-09-10



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: SS470

Lab Sample ID: 67634-13
Matrix: Solid
Percent Solid: 99
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	240	478
Acenaphthylene	240	490
Acenaphthene	240	U
Fluorene	240	U
Phenanthrene	240	1020
Anthracene	240	622
Fluoranthene	240	1810
Pyrene	240	1650
Benzo[a]anthracene	240	1470
Chrysene	240	2260
Benzo[b]fluoranthene	240	4630
Benzo[k]fluoranthene	240	1180
Benzo[a]pyrene	240	1120
Dibenz[a,h]anthracene	240	224 J
Benzo(g,h,i)perylene	240	289
Indeno[1,2,3-cd]pyrene	240	558
2-Methylnaphthalene	240	614

Surrogate Standard Recovery

d5-nitrobenzene 70 % 2-Fluorobiphenyl 77 % d14-p-terphenyl 86 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

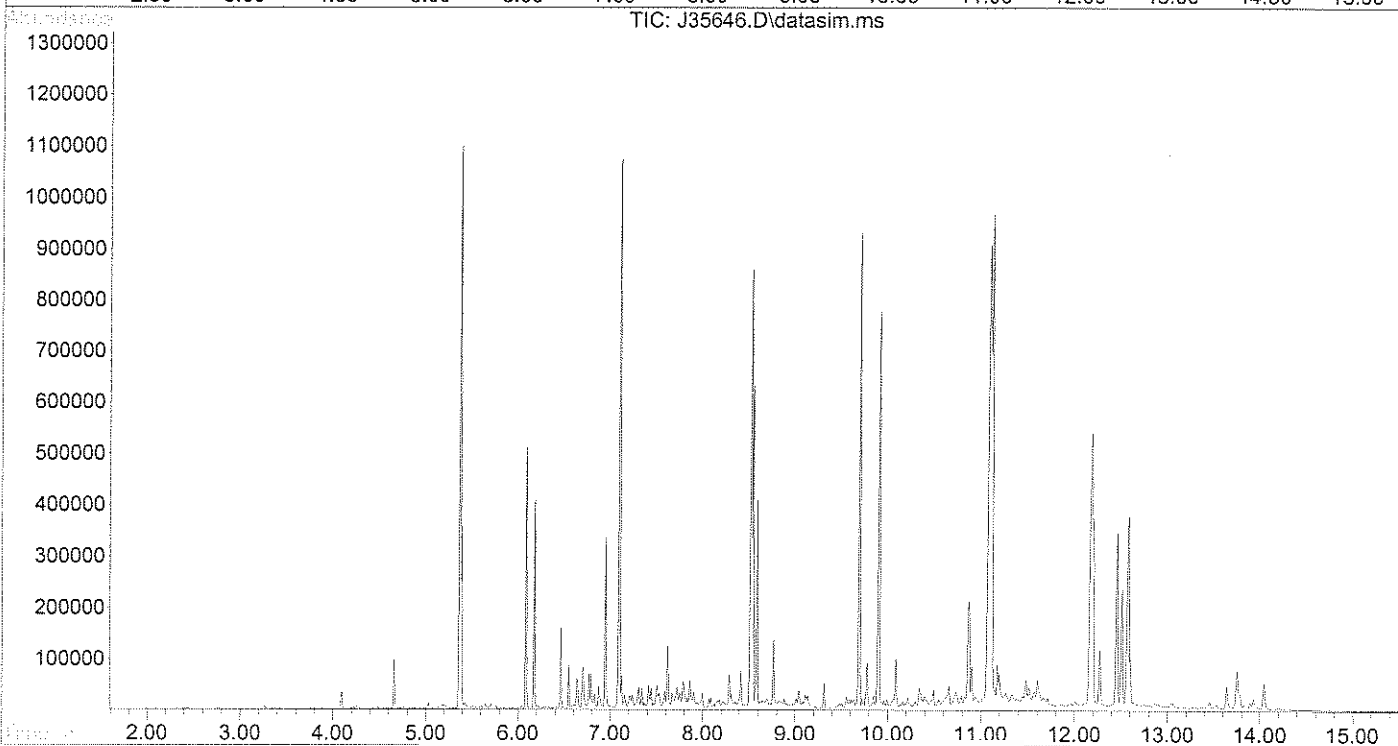
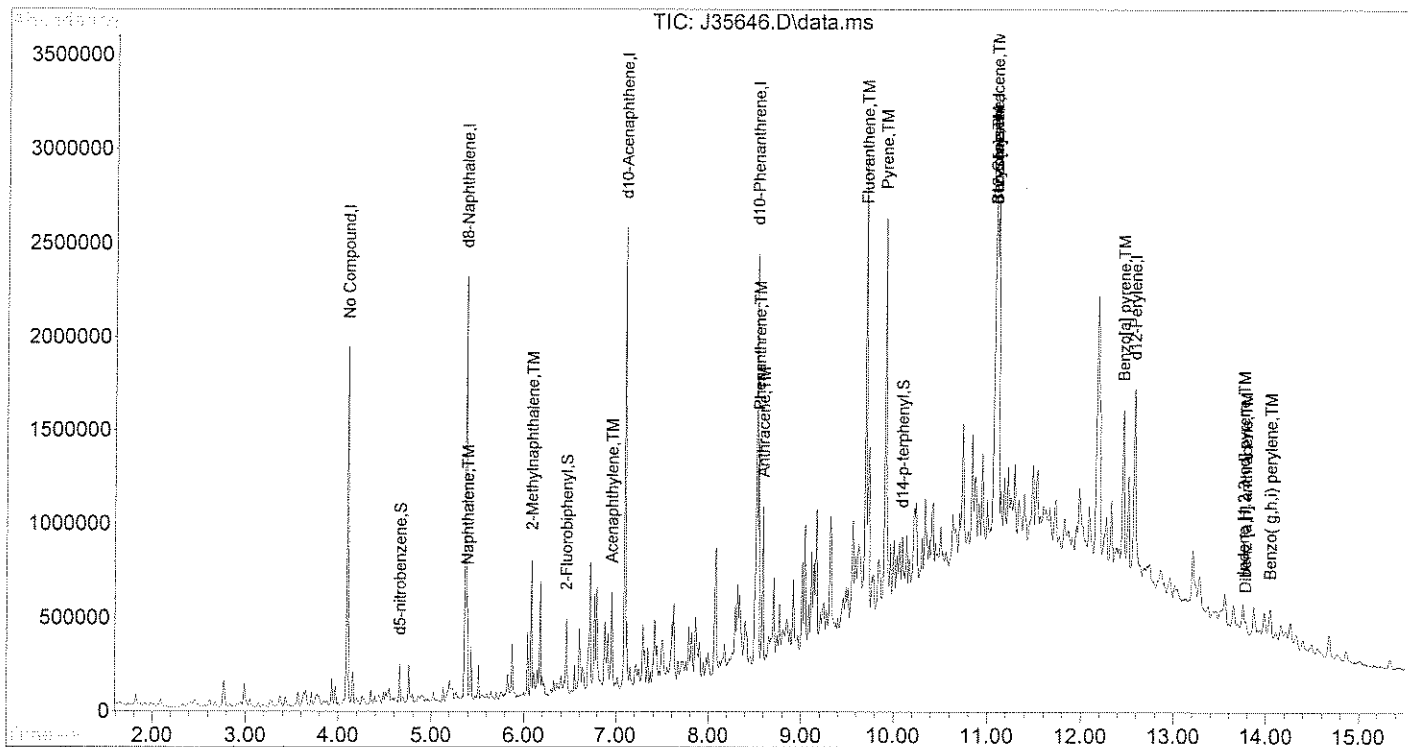
METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35646.D
Acq On : 9 Sep 2010 10:26 am
Operator : AR/MG
Sample : 67634-13
Misc : SOIL
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 09 12:23:12 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

59-910



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: B425

Lab Sample ID: 67634-14 SIM
Matrix: Solid
Percent Solid: 88
Dilution Factor: 1.1
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	8	36
Acenaphthylene	8	495
Acenaphthene	8	15
Fluorene	8	36
Phenanthrene	8	174
Anthracene	8	436
Fluoranthene	8	700
Pyrene	8	707
Benzo[a]anthracene	8	916
Chrysene	8	650
Benzo[b] fluoranthene	8	1220
Benzo[k] fluoranthene	8	357
Benzo[a] pyrene	8	528
Dibenz [a,h] anthracene	8	62
Benzo(g,h,i) perylene	8	131
Indeno [1,2,3-cd] pyrene	8	231
2-Methylnaphthalene	8	17

Surrogate Standard Recovery					
d5-nitrobenzene	57	%	2-Fluorobiphenyl	64	%
			d14-p-terphenyl	84	%
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in					

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

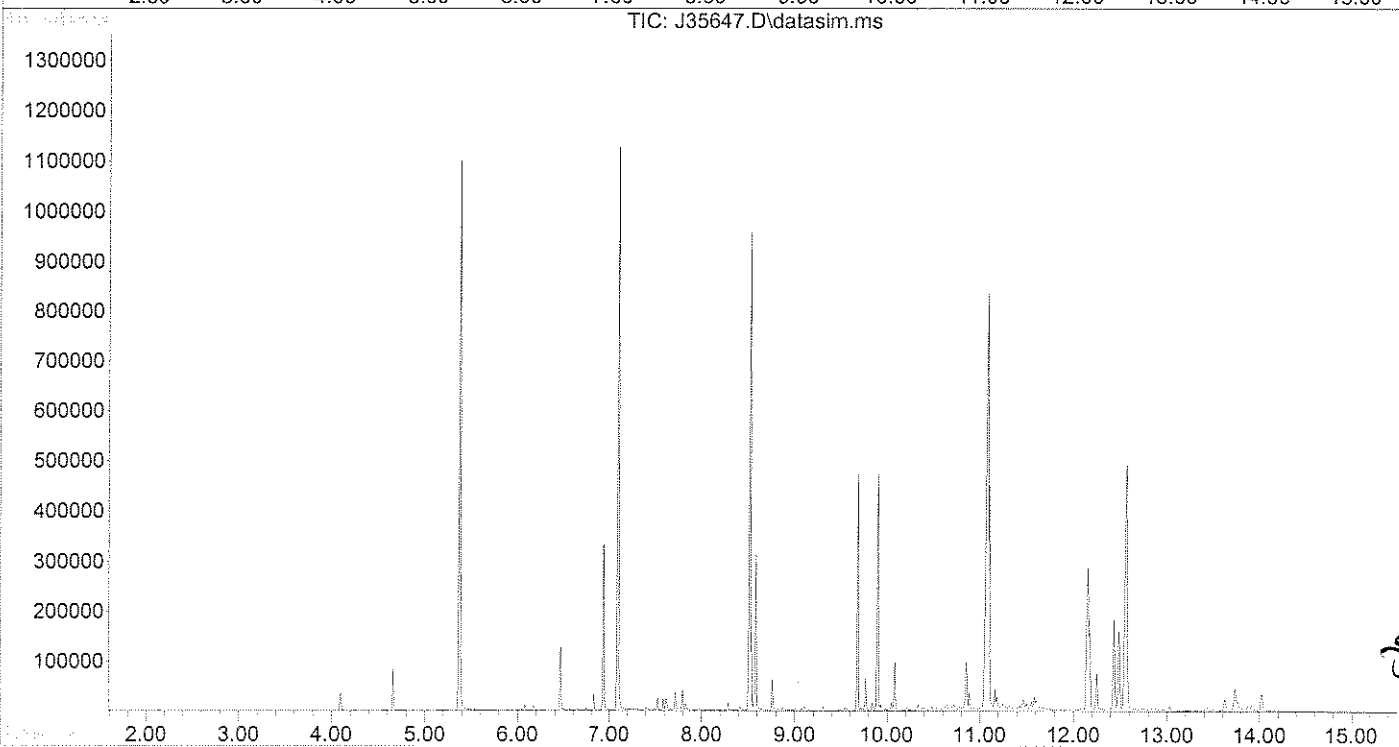
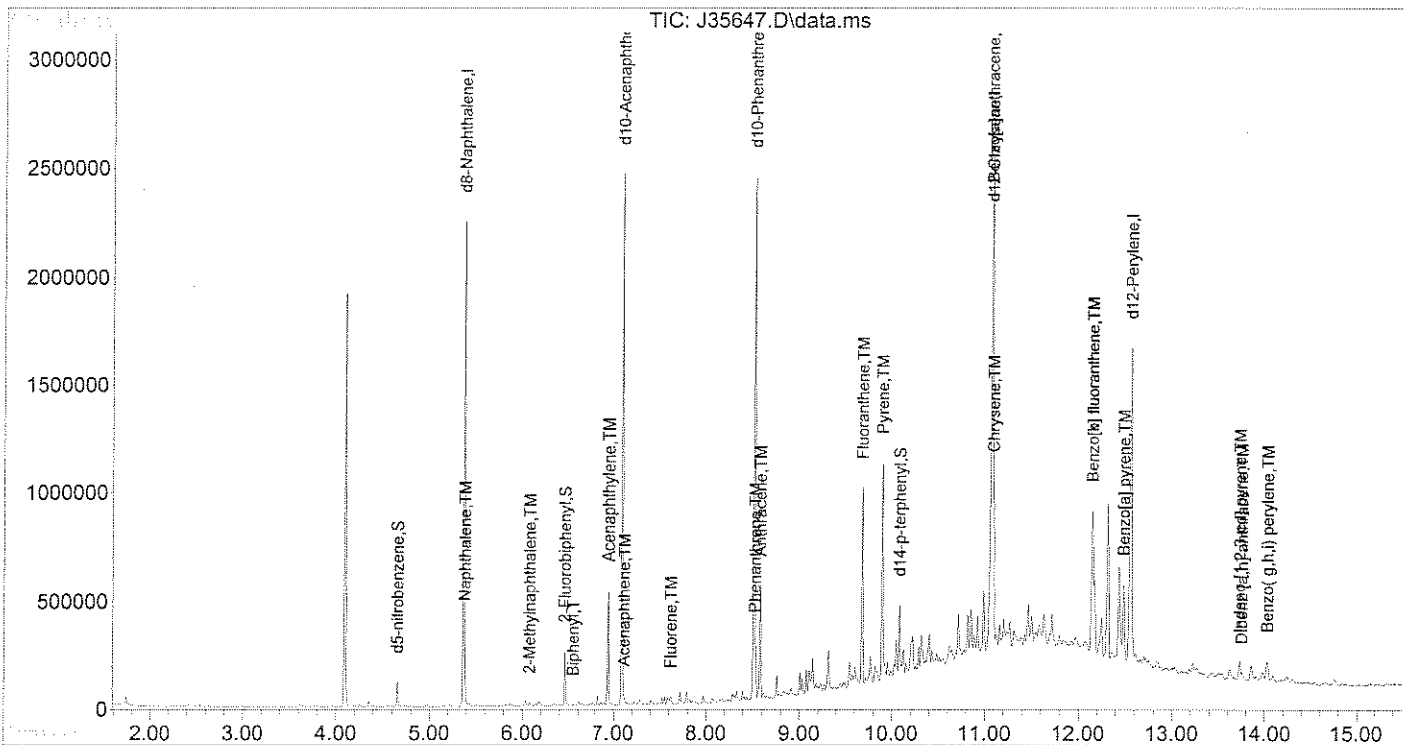
Authorized signature

M. J. Bull

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35647.D
Acq On : 9 Sep 2010 10:47 am
Operator : AR/MG
Sample : 67634-14
Misc : SOIL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 09 12:26:48 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

09-09-10



09-09-10

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: SS469

SAMPLE DATA

Lab Sample ID: 67634-15 SIM
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS POLYNUCLEAR AROMATICS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
Naphthalene	7	83
Acenaphthylene	7	123
Acenaphthene	7	68
Fluorene	7	85
Phenanthrene	7	761
Anthracene	7	304
Fluoranthene	7	1030
Pyrene	7	1030
Benzo[a]anthracene	7	907
Chrysene	7	801
Benzo[b] fluoranthene	7	1360 E
Benzo[k] fluoranthene	7	381
Benzo[a] pyrene	7	613
Dibenz [a,h] anthracene	7	74
Benzo(g,h,i) perylene	7	159
Indeno [1,2,3-cd] pyrene	7	286
2-Methylnaphthalene	7	107

Surrogate Standard Recovery					
d5-nitrobenzene	57	%	2-Fluorobiphenyl	71	%
			d14-p-terphenyl	89	%
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in					

METHODOLOGY: Sample analysis was conducted according to: "TestMethods for Evaluating Solid Waste, SW-846 Method 8270C."

COMMENTS: Detection limits achieved using Selected Ion Monitoring.
Results are expressed on a dry weight basis.

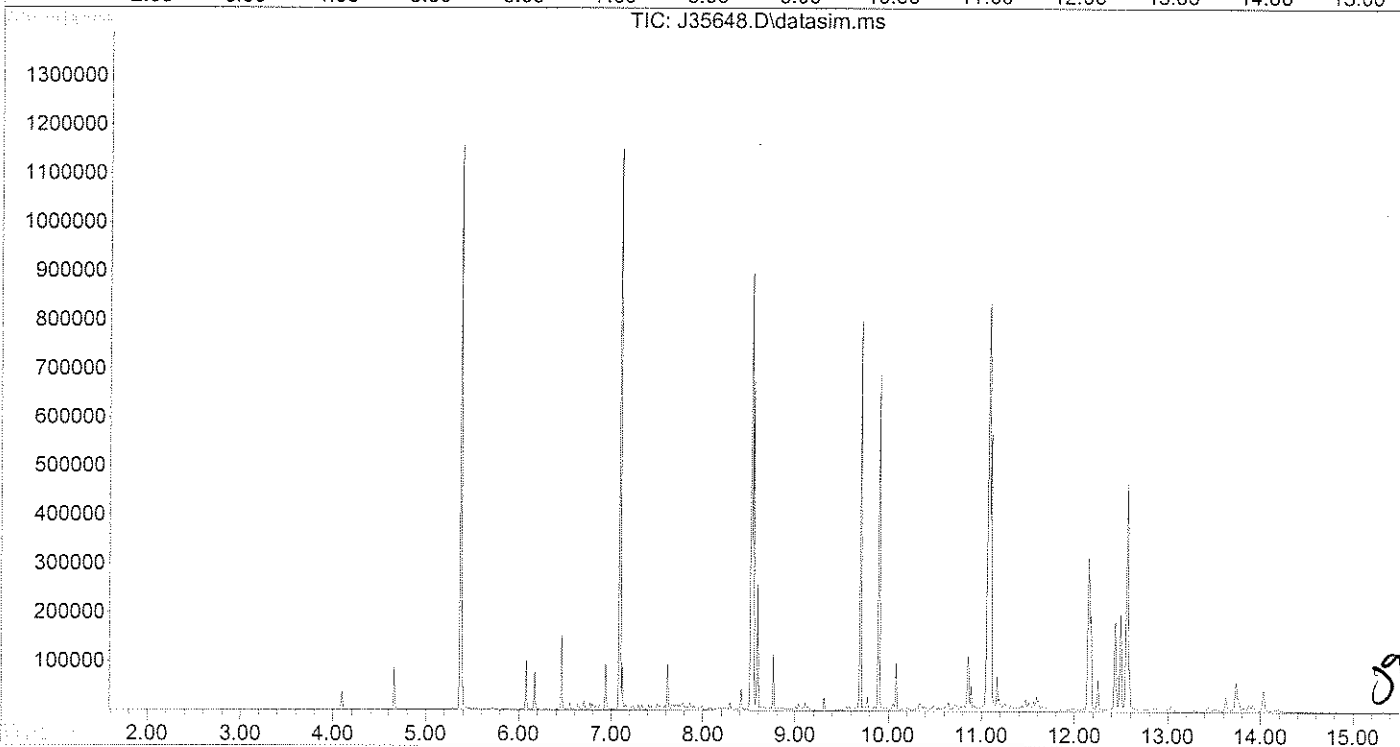
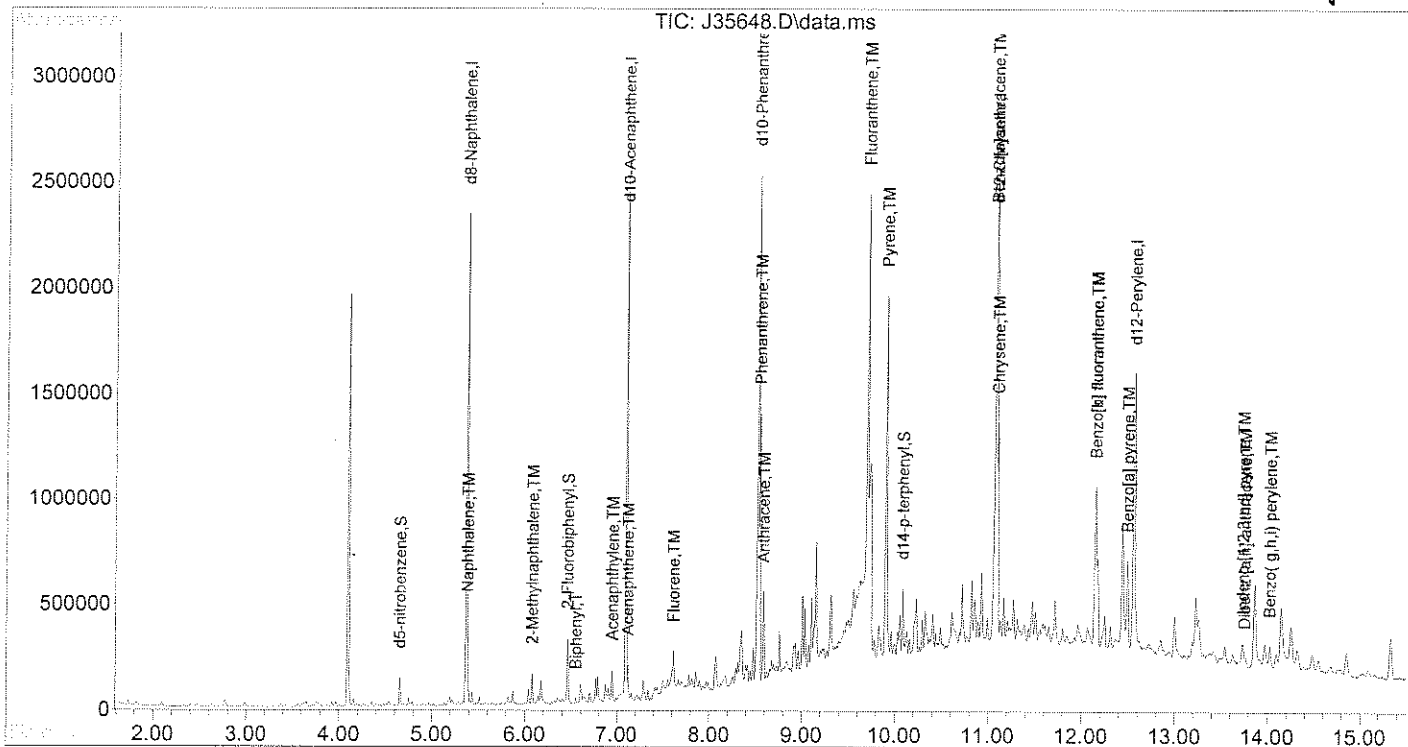
Authorized signature

M. L. Smith

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35648.D
Acq On : 9 Sep 2010 11:08 am
Operator : AR/MG
Sample : 67634-15
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 09 14:26:06 2010
Quant Method : C:\msdchem\1\METHODS\SIM090810.M
Quant Title : ABN SIM
QLast Update : Thu Sep 09 02:22:34 2010
Response via : Initial Calibration

CL
9-09-10



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 9, 2010

SAMPLE DATA

CLIENT SAMPLE ID
Project Name: SME 952-10
Project Number:
Field Sample ID: SS469

Lab Sample ID: 67634-15
Matrix: Solid
Percent Solid: 97
Dilution Factor: 1.0
Collection Date: 08/30/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/09/10

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	250	U
Acenaphthylene	250	141 J
Acenaphthene	250	U
Fluorene	250	U
Phenanthrene	250	974
Anthracene	250	348
Fluoranthene	250	1360
Pyrene	250	1250
Benzo[a]anthracene	250	877
Chrysene	250	893
Benzo[b]fluoranthene	250	1620
Benzo[k]fluoranthene	250	466
Benzo[a]pyrene	250	692
Dibenz[a,h]anthracene	250	172 J
Benzo[g,h,i]perylene	250	186 J
Indeno[1,2,3-cd]pyrene	250	397
2-Methylnaphthalene	250	U

Surrogate Standard Recovery

d5-nitrobenzene	57 %	2-Fluorobiphenyl	71 %	d14-p-terphenyl	89 %
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U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270c."

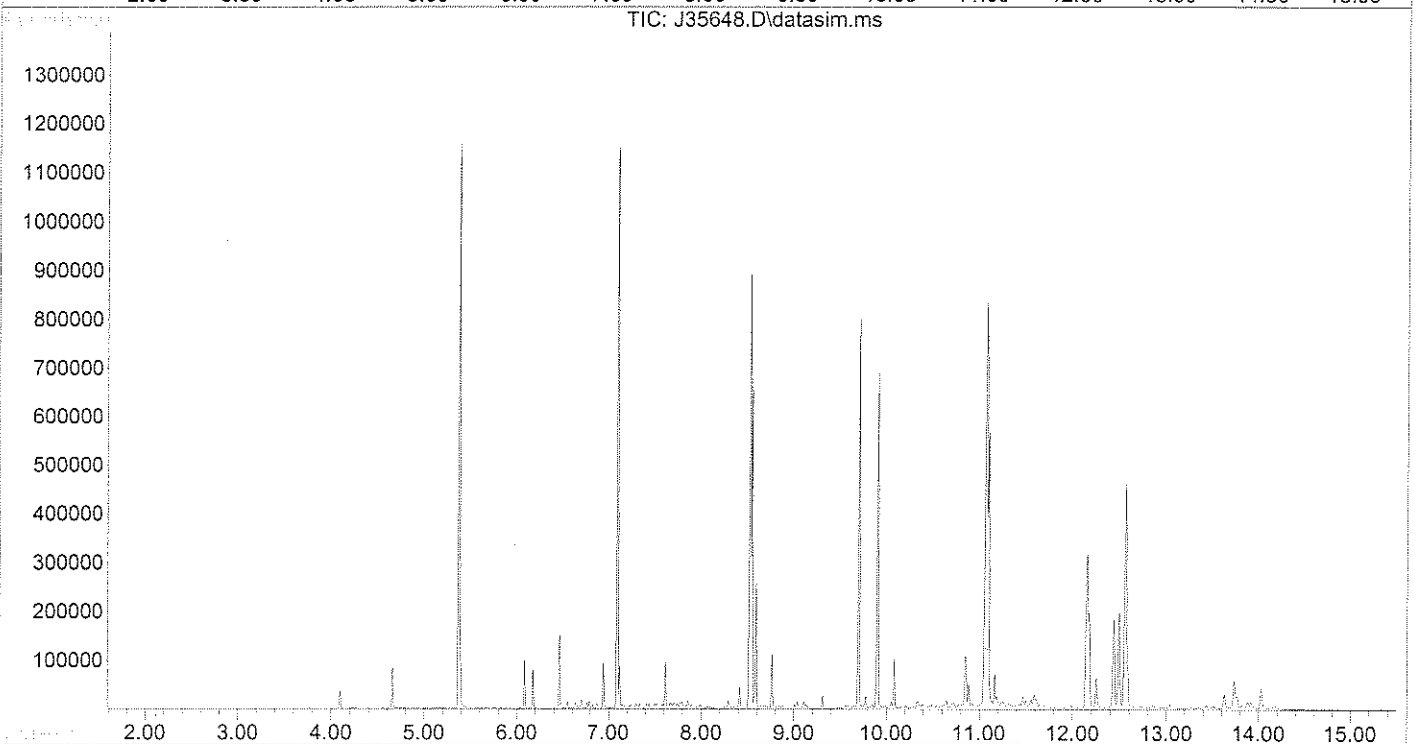
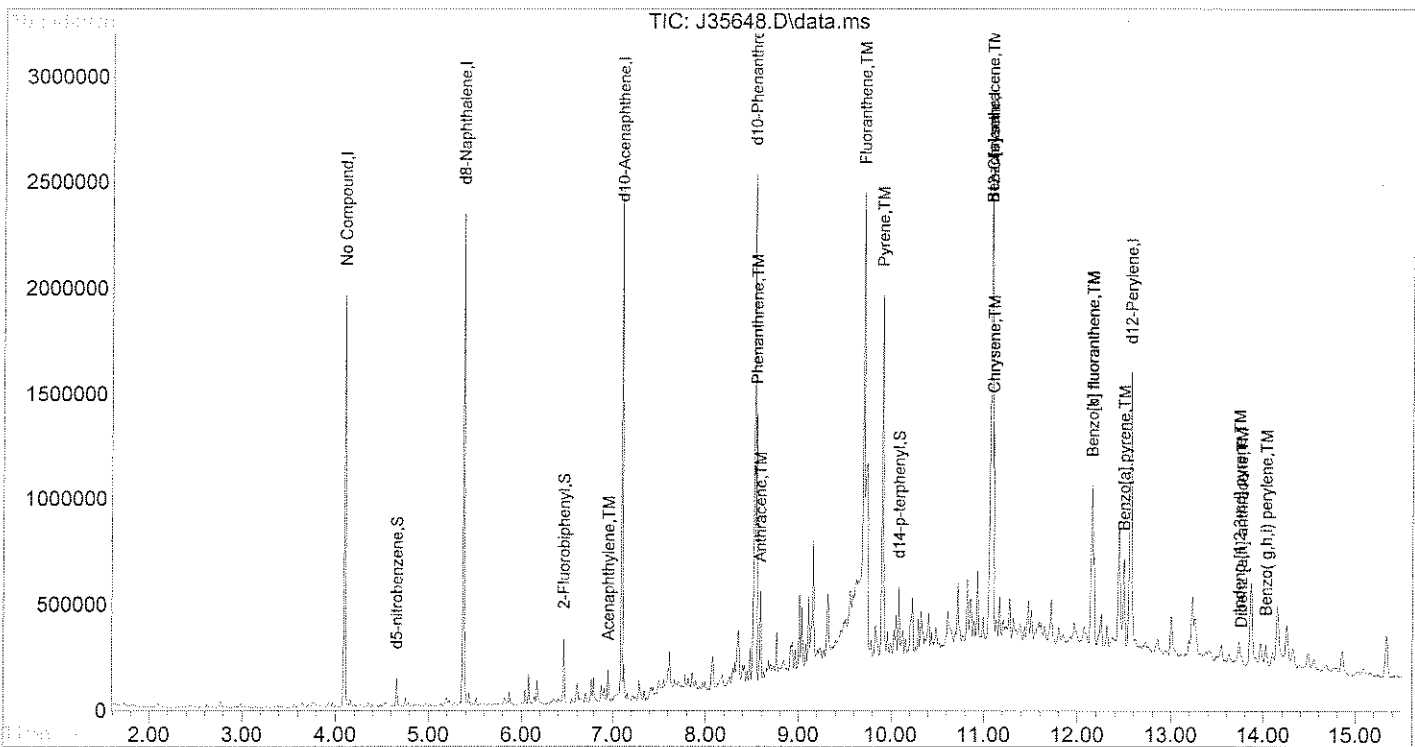
COMMENTS: Results are expressed on a dry weight basis. Surrogate recoveries reports from 8270 PAH SIM File.

M. Hall

Data Path : C:\msdchem\1\DATA\090810-J\
Data File : J35648.D
Acq On : 9 Sep 2010 11:08 am
Operator : AR/MG
Sample : 67634-15
Misc : SOIL
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 09 12:23:20 2010
Quant Method : C:\msdchem\1\METHODS\PAH090110.M
Quant Title : ABN FULL SCAN
QLast Update : Thu Sep 09 02:05:12 2010
Response via : Initial Calibration

59910



SEMI-VOLATILE QC FORMS

SEMIVOLATILE ORGANIC SOIL
LABORATORY CONTROL/LABORATORY CONTROL DUPLICATE
PERCENT RECOVERY

Instrument ID: J
GC Column: ZB-5ms
Column ID: 0.25 mm

SDG:
Non-spiked sample: B090110SIMASE
Spike: L090110SIMASE
Spike duplicate: LD090110SIMASE

COMPOUND	LCS SPIKE ADDED (ug/kg)	LCS D SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
Naphthalene	333	333	40	105	25	0	180	54		176	53		2	
2-Methylnaphthalene	333	333	45	105	25	0	185	56		181	54		2	
2-Chloronaphthalene	333	333	30	130	25	0	208	63		203	61		2	
Acenaphthylene	333	333	45	105	25	0	219	66		213	64		3	
Acenaphthene	333	333	45	110	25	0	204	61		201	60		2	
Fluorene	333	333	50	110	25	0	224	67		219	66		2	
Phenanthrene	333	333	50	110	25	0	242	73		232	70		4	
Anthracene	333	333	55	105	25	0	250	75		241	72		4	
Fluoranthene	333	333	50	115	25	0	285	85		286	86		1	
Pyrene	333	333	45	125	25	0	279	84		276	83		1	
Benzo[a]anthracene	333	333	50	110	25	0	292	88		295	89		1	
Chrysene	333	333	55	110	25	0	270	81		268	80		1	
Benzo[b]fluoranthene	333	333	45	115	25	0	312	94		314	94		0	
Benzo[k]fluoranthene	333	333	45	125	25	0	293	88		292	88		1	
Benzo[a]pyrene	333	333	50	110	25	0	301	90		303	91		1	
Indeno [1,2,3-cd] pyrene	333	333	40	120	25	0	322	97		322	97		0	
Dibenz [a,h] anthracene	333	333	40	125	25	0	296	89		302	91		2	
Benzo[ghi]perylene	333	333	40	125	25	0	297	89		305	92		3	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

SEMIVOLATILE ORGANIC SOIL
MATRIX SPIKE/MATRIX SPIKE DUPLICATE
PERCENT RECOVERY

Instrument ID: J
GC Column: ZB-5ms
Column ID: 0.25 mm

SDG:
Non-spiked sample: 67634-12
Spike: 67634-12,MS
Spike duplicate: 67634-12,MSD

COMPOUND	MS SPIKE ADDED (ug/kg)	MSD SPIKE ADDED (ug/kg)	LOWER LIMIT	UPPER LIMIT	RPD LIMIT	NON-SPIKE RESULT (ug/kg)	SPIKE RESULT (ug/kg)	SPIKE % REC	#	SPIKE DUP RESULT (ug/kg)	SPIKE DUP % REC	#	RPD	#
Naphthalene	339	345	40	105	25	7	222	63		220	62		1	
2-Methylnaphthalene	339	345	45	105	25	3	229	67		233	67		2	
2-Chloronaphthalene	339	345	30	130	25	0	251	74		256	74		2	
Acenaphthylene	339	345	45	105	25	11	267	75		277	77		4	
Acenaphthene	339	345	45	110	25	1	239	70		251	73		5	
Fluorene	339	345	50	110	25	2	259	76		269	77		4	
Phenanthrene	339	345	50	110	25	7	255	73		262	74		3	
Anthracene	339	345	55	105	25	4	263	76		270	77		3	
Fluoranthene	339	345	50	115	25	11	284	81		294	82		3	
Pyrene	339	345	45	125	25	12	290	82		292	81		1	
Benzo[a]anthracene	339	345	50	110	25	20	309	85		307	83		1	
Chrysene	339	345	55	110	25	8	275	79		280	79		2	
Benzo[b] fluoranthene	339	345	45	115	25	23	359	99		394	108		9	
Benzo[k] fluoranthene	339	345	45	125	25	7	305	88		302	86		1	
Benzo[a] pyrene	339	345	50	110	25	13	297	84		298	83		0	
Indeno [1,2,3-cd] pyrene	339	345	40	120	25	9	177	49		158	43		11	
Dibenz [a,h] anthracene	339	345	40	125	25	1	169	49		157	45		8	
Benzo(g,h,i) perylene	339	345	40	125	25	8	115	32	*	104	28	*	10	

Column to be used to flag recovery and RPD values outside of QC limits
* Values outside QC limits

Non-spiked result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

PCB DATA SUMMARIES

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 8, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: Lab QC

Lab Sample ID: B090110PSOX RR

Matrix: Soil

Percent Solid: N/A

Dilution Factor: 1.0

Collection Date:

Lab Receipt Date:

Extraction Date: 09/01/10

Analysis Date: 09/07/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
PCB-1016	33	U
PCB-1221	33	U
PCB-1232	33	U
PCB-1242	33	U
PCB-1248	33	U
PCB-1254	33	U
PCB-1260	33	U
<u>Surrogate Standard Recovery</u>		
2,4,5,6-Tetrachloro-m-xylene	105	%
Decachlorobiphenyl	58	%
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

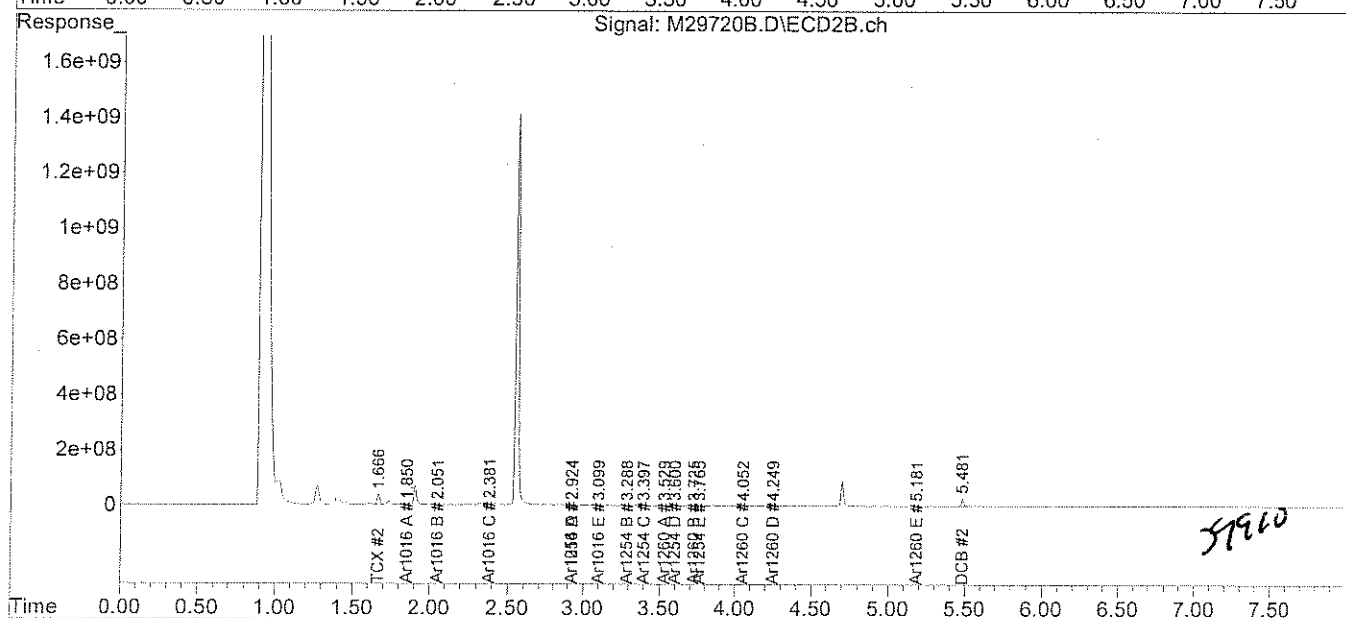
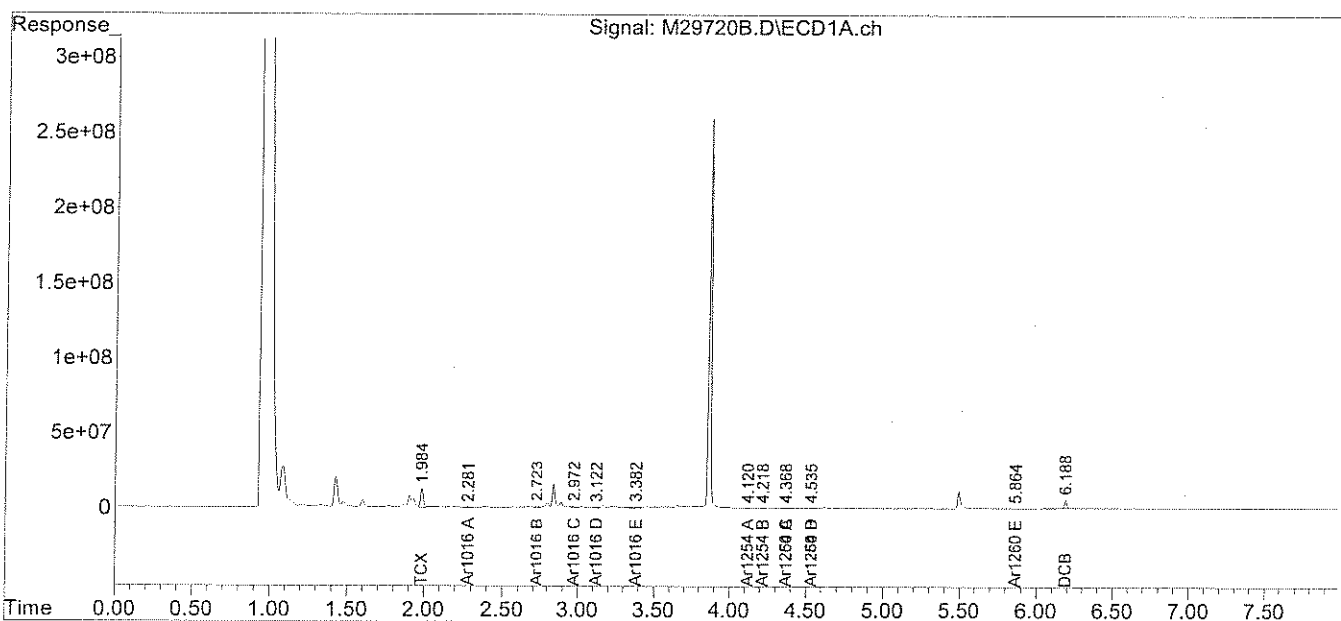
Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

COMMENTS: Results are expressed on a dry weight basis.

Data Path : C:\msdchem\1\DATA\090710-M\
Data File : M29720B.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 7 Sep 2010 4:29 pm
Operator : JK
Sample : B090110PSOX,RR,,A/C
Misc : SOIL
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 08:05:02 2010
Quant Method : C:\msdchem\1\METHODS\PCB083110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Sep 01 08:14:15 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um



Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

September 8, 2010

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: SME 952-10

Project Number:

Field Sample ID: B-433

Lab Sample ID: 67634-4 RR
Matrix: Solid
Percent Solid: 91
Dilution Factor: 1.1
Collection Date: 08/27/10
Lab Receipt Date: 08/31/10
Extraction Date: 09/01/10
Analysis Date: 09/07/10

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit $\mu\text{g/kg}$	Results $\mu\text{g/kg}$
PCB-1016	36	U
PCB-1221	36	U
PCB-1232	36	U
PCB-1242	36	U
PCB-1248	36	U
PCB-1254	36	U
PCB-1260	36	U
<u>Surrogate Standard Recovery</u>		
2,4,5,6-Tetrachloro-m-xylene	91	%
Decachlorobiphenyl	59	%
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8082.

Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3540C.

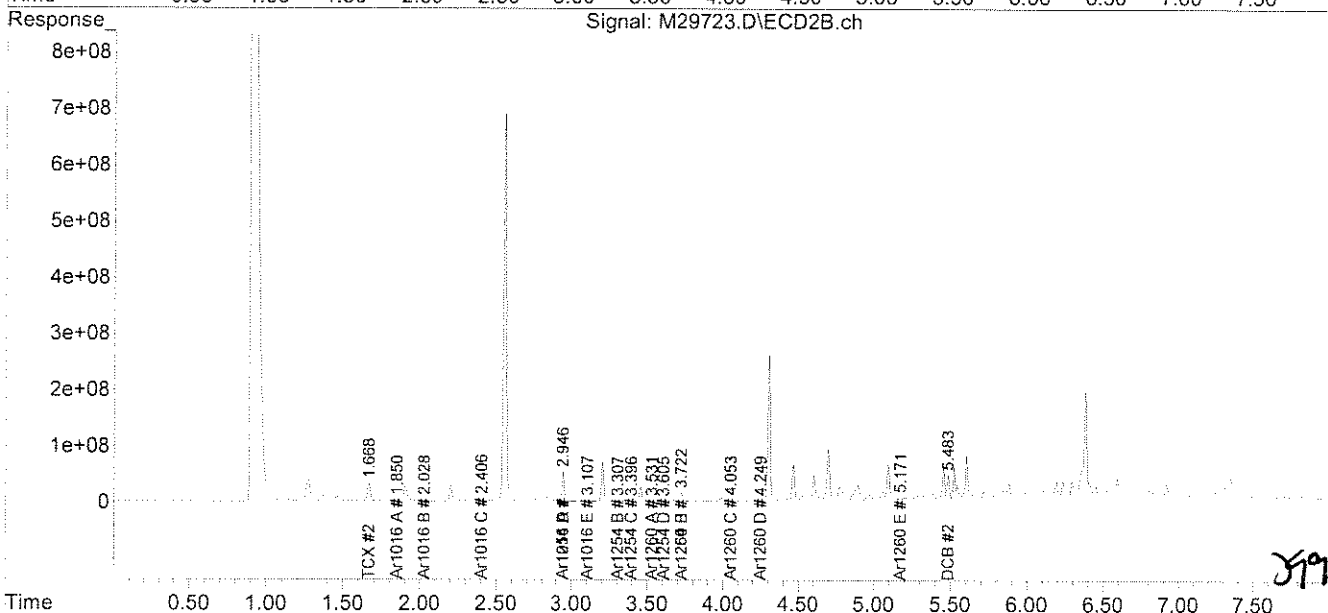
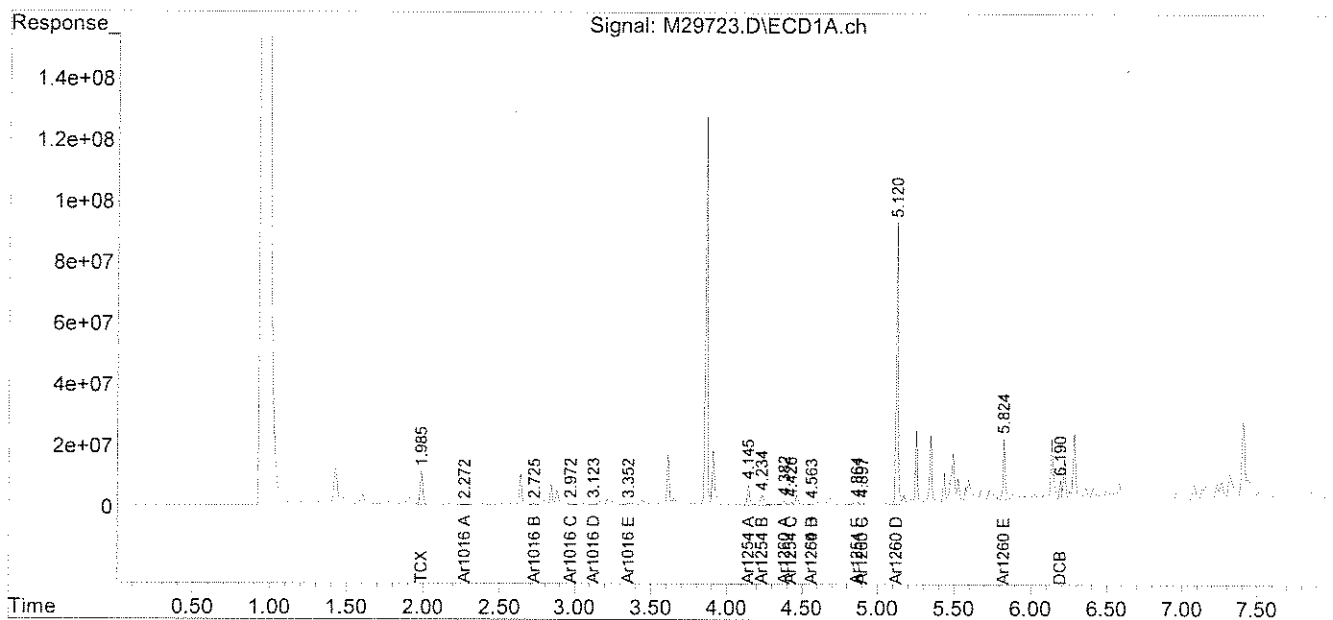
COMMENTS: Results are expressed on a dry weight basis.

Data Path : C:\msdchem\1\DATA\090710-M\
Data File : M29723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 7 Sep 2010 5:00 pm
Operator : JK
Sample : 67634-4,RR,,A/C
Misc : SOIL
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:21:13 2010
Quant Method : C:\msdchem\1\METHODS\PCB083110.M
Quant Title : SW-846 METHOD 8082 Aroclor 1016/1260/1254
QLast Update : Wed Sep 01 08:14:15 2010
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 uL
Signal #1 Phase : STX-CLPPesticides Signal #2 Phase: STX-CLPPesticides
Signal #1 Info : 30 m x 0.25mm x 0 Signal #2 Info : 30 m x 0.25mm x 0.25 um

UL
09-03-10



PCB QC FORMS

PCB SOIL
LABORATORY CONTROL SAMPLE/DUPLICATE
PERCENT RECOVERY

Instrument ID: M

GC Column #1: STX-CLPesticides I

Column ID: 0.25 mm

GC Column #2: STX-CLPesticides II

Column ID: 0.25 mm

SDG: 67634

Non-spiked sample: B090110PSOX,RR,,A/C

Spike: L090110PSOX,RR,,A/C

Spike duplicate: LD090110PSOX,RR,,A/C

COMPOUND	LCS SPIKE	LCSD SPIKE	LOWER	UPPER	RPD	NON-SPIKE	SPIKE	SPIKE	SPIKE DUP		SPIKE DUP			
	ADDED (ug/kg)	ADDED (ug/kg)	LIMIT	LIMIT	LIMIT	RESULT (ug/kg)	RESULT (ug/kg)	% REC	#	RESULT (ug/kg)	% REC	#	RPD	#
PCB 1016	200	200	65	140	30	0	224	112		210	105		6.3	
PCB 1260	200	200	60	130	30	0	199	99		200	100		0.7	
PCB 1016 #2	200	200	65	140	30	0	229	114		246	123		7.2	
PCB 1260 #2	200	200	60	130	30	0	216	108		216	108		0.0	

Column to be used to flag recovery and RPD values outside of QC limits

* Values outside QC limits

LCS/LCSD spike added values have been weight adjusted.

Non-spike result of "0" used in place of "U" to allow calculation of spike recovery.

Comments: _____

CHAIN OF CUSTODIES

MAINE ENVIRONMENTAL LABORATORY- Chain of Custody

One Main Street Yarmouth, Maine 04096-6716 (207) 846-6569 fax: (207) 846-9066
e-mail: melab@maine.rr.com

PROJECT MANAGER

H. Kodis

TELEPHONE

FAX # / E-MAIL

COMPANY

PURCHASE ORDER # / BILL TO

ADDRESS

PROJECT NAME

SME952-10

SAMPLER NAME

SAMPLE IDENTIFICATION

CONTAINERS

TYPE OF CONTAINERS

FIELD FILTRATION

YES NO

SAMPLE MATRIX

COMP.

GRAB

METHOD PRESERVED

SAMPLING

DATE

TIME

SS470

B425

SS469

1

4oz

G

X

X

X

Soil

↓

↓

X

X

X

±6°C

↓

↓

8/30/10

8/27/10

8/30/10

1530

1335

1515

X

X

X

PAH w/ GIM

67634-13

-14

-15

LABORATORY IDENTIFICATION/ SUBCONTRACTOR

LABORATORY REPORT #

ANALYSES

Delivered by

TURNAROUND REQUEST

☐ Standard

☒ Priority (SURCHARGE)

9/9

Quote #ME23/2010/35

Received within hold time

Received in good condition

Temp. Blank °C 3°C / Frozen ice packs

Samples received preserved

RELINQUISHED BY SAMPLER:

RELINQUISHED BY:

RELINQUISHED BY:

COMMENTS

ME DEP EDD (American Tissue)
Brownfields Level II

RECEIVED BY:

8/31/10

RECEIVED BY:

8/31/10

RECEIVED BY LABORATORY:

8/31/10

ANALYTICS SAMPLE RECEIPT CHECKLIST



AEL LAB#:

67634

CLIENT:

MEL

PROJECT:

SME 952-10

COOLER NUMBER:

1

NUMBER OF COOLERS:

1

DATE RECEIVED:

8/31/10

A: PRELIMINARY EXAMINATION:

1. Cooler received by (initials):

lmt

DATE COOLER OPENED:

8/31/10

Date Received:

8/31/10

2. Circle one:

Hand delivered
(If so, skip 3)

Shipped

3. Did cooler come with a shipping slip?

Y

N

3a. Enter carrier name and airbill number here:

4. Were custody seals on the outside of cooler?

N/A

Y

N

How many & where:

Seal Date:

Seal Name:

5. Did the custody seals arrive unbroken and intact upon arrival?

N/A

Y

N

6. COC#:

N/A

7. Were Custody papers filled out properly (ink, signed, etc)?

Y

N

8. Were custody papers sealed in a plastic bag?

Y

N

9. Did you sign the COC in the appropriate place?

Y

N

10. Was the project identifiable from the COC papers?

Y

N

11. Was enough ice used to chill the cooler?

Y

Temp. of cooler:

3°C

B. Log-In: Date samples were logged in:

8/31/10

By:

LT

12. Type of packing in cooler (bubble wrap, popcorn)

Y

N

13. Were all bottles sealed in separate plastic bags?

Y

N

14. Did all bottles arrive unbroken and were labels in good condition?

Y

N

15. Were all bottle labels complete (ID, Date, time, etc.)

Y

N

16. Did all bottle labels agree with custody papers?

Y

N

17. Were the correct containers used for the tests indicated?

Y

N

18. Were samples received at the correct pH?

Y

N

19. Was sufficient amount of sample sent for the tests indicated?

Y

N

20. Were bubbles absent in VOA samples?

Y

N

If NO, List Sample ID's and Lab #'s:

21. Laboratory labeling verified by (initials):

CP

Date:

8/31/10